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VIA FEDERAL EXPRESS

November 1, 2012

Mr. Roger Papler, P.G.
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
San Francisco Bay Region
1515 Clay Street
Suite 1400
Oakland, CA 94612

Re: Transmittal of Summary Report, Former PCB-Containing Transformers Supplemental Investigation
Former Beckman Coulter, Inc. Facility, 1050 Page Mill Road, Buildings 2, 2A, and 2B, Palo Alto, California

Dear Mr. Papler:

Enclosed is the document titled:

FINAL
Summary Report
Former PCB-Containing Transformers Supplemental Investigation

Former Beckman Coulter, Inc. Facility
1050 Page Mill Road
Buildings 2, 2A, and 2B
Palo Alto, California

Other Offices:
San Diego, CA
Tucson, AZ

If you have any questions, please contact me at the number listed above.

HARGIS + ASSOCIATES, INC.

Brian R. Waggle, PG
Senior Hydrogeologist

BRW/keh

Enclosure

Report Copy
VIA Federal Express: Robert Keeley, Beckman Coulter, Inc.

CD
VIA Federal Express Annette Walton, Stanford Real Estate Office
Carmen Santos, U.S. Environmental Protection Agency
Gabe Compton, Beckman Coulter, Inc.
Shari McCloskey, Beckman Coulter, Inc.
Don Moore, Environmental Risk & Financial Solutions

NOVEMBER 1, 2012

SUMMARY REPORT
FORMER PCB-CONTAINING TRANSFORMERS
SUPPLEMENTAL INVESTIGATION

FORMER BECKMAN COULTER, INC. FACILITY
1050 PAGE MILL ROAD, BUILDINGS 2, 2A, AND 2B
PALO ALTO, CALIFORNIA

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

SUMMARY REPORT
FORMER PCB-CONTAINING TRANSFORMERS SUPPLEMENTAL INVESTIGATION

FORMER BECKMAN COULTER, INC. FACILITY
1050 PAGE MILL ROAD, BUILDINGS 2, 2A, AND 2B
PALO ALTO, CALIFORNIA

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ACRONYMS AND ABBREVIATIONS

Addendum	Addendum/Response to Comments, Supplemental PCB Investigation Work plan, Former Beckman Coulter, Inc. Facility, 1050 Page Mill Road, Buildings 2, 2A, And 2B, Palo Alto, California, March 23, 2012
BCI	Beckman Coulter, Inc.
bls	below land surface
cm^2	centimeter squared
Control Board	California Regional Water Quality Control Board, San Francisco Bay Region
EPA	United States Environmental Protection Agency
ESA	environmental site assessment
ESL	residential environmental screening level
H+A	Hargis + Associates, Inc.
kVA	kilovolt-amperes
mg/kg	milligrams per kilogram
PCBs	polychlorinated biphenyls
the Site	Former BCI 1050 Page Mill Road Facility, Buildings 2, 2A, and 2B Palo Alto, California
µg	micrograms
Work Plan	Former PCB-Containing Transformers Investigation Data Submittal and Supplemental Work Plan, Former Beckman Coulter, Inc. Facility, 1050 Page Mill Road, Buildings 2, 2A, and 2B, Palo Alto, California, October 19, 2011.

SUMMARY REPORT
FORMER PCB-CONTAINING TRANSFORMERS SUPPLEMENTAL INVESTIGATION

FORMER BECKMAN COULTER, INC. FACILITY
1050 PAGE MILL ROAD, BUILDINGS 2, 2A, AND 2B
PALO ALTO, CALIFORNIA

1.0 INTRODUCTION

This report summarizes the results of a supplemental investigation conducted by Beckman Coulter, Inc. (BCI) of two former polychlorinated biphenyl (PCB)-containing transformers located at the former BCI facility, 1050 Page Mill Road, Palo Alto, California (the Site) (Figure 1). The locations of the two former PCB-containing transformers and the area of the supplemental investigation are illustrated on Figures 2 and 3.

The work summarized in this report was outlined in *Former PCB-Containing Transformers Investigation Data Submittal and Supplemental Work Plan* (Work Plan) prepared by BCI and submitted to the California Regional Water Quality Control Board, San Francisco Bay Region (Control Board) for review on October 19, 2011 (Hargis + Associates, Inc. [H+A], 2011c). An *Addendum/Response to Comments, Supplemental PCB Investigation Work plan* (Addendum) was also prepared by BCI and submitted to the Control Board on March 23, 2012 (H+A, 2012a). Pursuant to the request of the Control Board, the Work Plan and Addendum were also submitted to the U.S. Environmental Protection Agency (EPA), Region IX PCB Program for review.

The Control Board and EPA provided conditional approval of the Work Plan and Addendum on April 19, 2012 (Control Board, 2012a). On May 18, 2012, an electronic mail was submitted by H+A on behalf of BCI requesting clarification of the Control Board's and EPA's conditional approval letter (H+A, 2012b). The Control Board and EPA provided clarifications to and modified the requirements of the April 2012 conditional approval letter on July 25, 2012 (Control Board, 2012b).

1.1 PREVIOUS WORK

A previous transformers investigation was conducted by BCI on August 24 and 25, 2011. The purpose of the investigation was to determine the presence of PCBs on and near the two former transformer pads. The scope of the investigation included concrete and soil sampling at locations on and down slope (generally west) of both pads.

Field activities and laboratory analyses were conducted in accordance with the May 26, 2011 *Former PCB-Containing Transformers Investigation Work Plan, Revision 1.0* and August 12, 2011 addendum (H+A, 2011a and 2011b).

Total PCBs were present in concrete and soil samples at concentrations greater than the residential environmental screening level (ESL). The Control Board has required comparison to the residential ESL based on zoning of the property that allows unrestricted land use by the property owner (Stanford University). Based on this, reference to the ESL in this report means residential unless stated otherwise. The results of the August 2011 investigation were summarized in the October 2011 Work Plan and submitted to the Control Board and EPA for review (H+A, 2011c).

2.0 SUPPLEMENTAL INVESTIGATION

The purpose of the supplemental investigation was to provide additional data to be used to determine the horizontal and vertical extent of PCBs in surface and subsurface media in the former transformers area. Information to establish the horizontal extent of PCBs was gathered by collecting samples of the surface of the parking lot area where the two former transformer pads are located. The parking lot surface is composed primarily of concrete or asphalt. However there is a small, approximately three foot wide landscaped area composed of soil and plants located along the property boundary to the west (Figure 3). Information to establish the vertical extent of PCBs was gathered by collecting samples of the soil or fill that underlies the parking lot materials.

The scope of the supplemental investigation consisted of collecting concrete, asphalt, soil, and wipe samples of drainage structures in the investigation area to determine the vertical and lateral presence of PCBs (H+A, 2011c and 2012a). Supplemental investigation field work was conducted during the period August 21 through 31 and September 27, 2012.

2.1 CONCRETE AND ASPHALT SAMPLING

Concrete and asphalt samples were collected at depths of approximately 0 to 0.25 inches and at approximately 0.25 to 0.50 inches below grade using procedures outlined by the Work Plan and Addendum (H+A, 2011c and 2012a). Sample identifiers consisted of the sample location with a suffix of either -0.25 (for the 0 to 0.25 inch sample) or -0.50 (for the 0.25 to 0.50 inch sample).

For example, the sample from 0 to 0.25 inches at location PC-33 was identified as sample PC-33-0.25. A figure illustrating all concrete and asphalt sample locations is shown as Figure 4.

All concrete and asphalt samples were transported to Test America Laboratories, Inc. in Pleasanton, California under chain-of-custody. The samples were then shipped by Test America to the Denver, Colorado laboratory for sample extraction, clean up, and analyses.

All 0 to 0.25 inch samples were analyzed first pursuant to the Work Plan and Addendum (H+A, 2011c and 2012a). The 0 to 0.25 inch samples were extracted using EPA method 3550C (sonication), cleaned up using EPA method 3665A (sulfuric acid), analyzed for total PCBs and individual arochlors using EPA method 8082A, and reported on a dry weight basis.

Concrete and asphalt samples collected from 0.25 to 0.50 inches below grade were only analyzed at locations where the shallower samples contained total PCBs at concentrations greater than the ESL of 0.22 milligrams per kilogram (mg/kg). The 0.25 to 0.50 inch concrete and asphalt samples were extracted, cleaned up, and analyzed using the same methods as the shallow samples. Not all of the deeper concrete and asphalt samples that were collected were analyzed because 18 shallow concrete samples did not contain total PCBs at concentrations greater than the ESL. Laboratory analytical reports for all concrete and asphalt analyses, including chain-of-custody documentation are provided in Appendix A.

Concrete and asphalt samples were collected from a total of 50 locations. This included 44 locations outlined in the Work Plan and Addendum (PC-23 through PC-67) and six additional locations that were based on the original 44 (PC-68 through PC-73). The additional six sample locations were added to establish the horizontal extent of PCBs in the parking lot surface materials. Five surface soil samples were also collected in the narrow landscaped area along the western property boundary (PS-67 through PS-70). These surface soil samples served as step-out locations after PCBs were detected in asphalt samples west of the gutter.

2.2 CONCRETE AND ASPHALT RESULTS

A tabular summary of all concrete and asphalt results is shown as Table 1. A figure illustrating the distribution of PCBs in shallow and deep concrete and asphalt samples is shown as Figure 4. The following are brief discussions of the PCB results by general areas within the supplemental investigation area.

2.2.1 Former 750 KVA Pad Area

Concrete or asphalt samples were collected from 18 locations in the former 750 kVA pad area. PCBs were detected at concentrations greater than the ESL in 20 shallow and deep concrete and asphalt samples near and down slope of the former 750 kVA transformer pad (Figure 4). Total PCB concentrations ranged from 0.0062 to 72 mg/kg. PCB concentrations were distributed as follows:

- Concentrations of total PCBs greater than the ESL were most prevalent immediately near and immediately down slope of the former pad (locations PC-23, PC-25 through PC-27, PC-30, PC-32 and PC-33);
- Total PCB concentrations decreased further down slope of the pad and along both sides of the storm water gutter (PC-28, PC-29, PC-34 through PC-37); and
- Total PCBs were either not detected or were detected at concentrations less than the ESL at up slope (generally north) locations (PC-24, PC-68, and PC-69).

2.2.2 Gutter and Storm Sewer Area

Concrete or asphalt samples were collected from 17 locations in the gutter and storm sewer area. PCBs were detected at concentrations greater than the ESL in some shallow and deep concrete and asphalt samples along the gutter and storm sewer area (Figure 4). Total PCB concentrations ranged from 0.120 to 2.2 mg/kg. PCB concentrations were distributed sporadically in the area (PC-39 through PC-53, PC-70 and PC-71). However, PCBs were detected at lower overall concentrations than those compared to the former 750 kVA pad area.

2.2.3 Former 500 KVA Pad Area

Concrete or asphalt samples were collected from 15 locations in the former 500 kVA pad area. PCBs were detected at concentrations greater than the ESL in some shallow and deep concrete and asphalt samples near and down slope of the former 500 kVA transformer pad (Figure 4). Total PCB concentrations ranged from 0.014 to 1.10 mg/kg.

PCB concentrations were distributed as follows:

- Elevated concentrations of total PCBs were most prevalent immediately near and immediately down slope of the former pad (locations PC-64 through PC-66);
- Total PCB concentrations decreased further down slope of the pad and along both sides of the storm water gutter (PC-54 through PC-62, and PC-72); and
- Total PCBs were not detected at up slope (generally south) locations (PC-63 and PC-73).

2.3 SOIL SAMPLING

Soil samples were collected from a total of 60 locations Soil samples were collected at each location at depths of approximately 0.25 (0 to three inches), one, two, three, and four feet below land surface (bls) using procedures in accordance with the Work Plan and Addendum (H+A, 2011c and 2012a). Sample identifiers consisted of the sample location with a suffix of -0.25, -1, -2, -3, or -4 corresponding to the depth of each sample. For example, the soil sample from location PS-60 (located adjacent to the 500 kVA pad) collected three feet bls was identified as sample PS-60-3. Figures illustrating all soil sampling locations have been prepared (Figures 5 through 8).

All soil samples were transported to Test America, Inc. in Pleasanton, California under chain-of-custody. The samples were then shipped by Test America, Inc. to the Denver, Colorado laboratory for extraction, clean up, and analyses. All soil -0.25 and one foot samples were analyzed first pursuant to the Work Plan and Addendum (H+A, 2011c and 2012a). Each soil sample was extracted, cleaned up, and analyzed using the same methods used for the concrete and asphalt samples and reported on a dry weight basis.

Soil samples collected at two, three, and four feet bls were only analyzed at locations where the shallower samples contained total PCBs at concentrations greater than the ESL. The deeper soil samples were extracted, cleaned up, and analyzed using the same methods as the shallower samples. Not all of the deeper soil samples that were collected were analyzed because some shallower soil samples did not contain total PCBs at concentrations greater than the ESL. Laboratory analytical reports for all soil analyses, including chain-of-custody documentation are provided in Appendix A.

2.4 SOIL RESULTS

A tabular summary of all soil results are shown as Table 2. Figures illustrating the distribution of PCBs in soil samples are shown in Figures 5 through 8. The following are brief discussions of the PCB results by general areas within the supplemental investigation area.

2.4.1 Former 750 KVA Pad Area

Soil samples were collected from 19 locations in the former 750 kVA pad area. PCBs were detected at concentrations greater than the ESL at one foot or less bls in five soil samples down slope of the former 750 kVA transformer pad (Figure 6). Total PCB concentrations ranged from less than the reporting limit of 0.034 to 1.20 mg/kg. PCBs in deeper samples at each of these locations were less than the ESL or were not detected.

2.4.2 Gutter and Storm Sewer Area

Soil samples were collected from 15 locations in the gutter and storm sewer area. PCBs were detected at concentrations greater than the ESL in one 0.25 foot bls sample at location PS-30. Total PCBs were detected at a concentration of 0.550 mg/kg (Figure 7). PCBs were not detected in the soil sample collected at one foot bls.

2.4.3 Former 500 KVA Pad Area

Soil samples were collected from 19 locations in the former 500 kVA pad area. PCBs were detected at concentrations greater than the ESL at one foot or less bls in six soil samples down slope of the former 500 kVA transformer pad (Figure 8). Total PCB concentrations ranged from less than the reporting limit to 1.80 mg/kg. PCBs in deeper samples at each of these locations were less than the ESL or were not detected.

PCBs were detected at concentrations greater than the ESL at depths greater than one foot bls at sample location PS-60 (Figure 8).

Soil samples collected at two and three feet bls were also greater than the ESL. However, PCBs were less than the ESL in the soil sample collected at four feet bls.

2.4.4 Western Property Boundary Area

Surface soil samples were collected from five locations along the western property boundary. PCBs were detected at concentrations greater than the ESL in all five samples (Figures 6 through 8). However, PCB concentrations in each sample were less than the commercial/industrial ESL.

2.5 STORM SEWER SAMPLING

Two wipe samples were collected from the storm sewer. Wipe sample PW-1 was collected along the bottom of the steel grate located on top of the storm sewer, and wipe sample PW-2 was collected along the top of the storm water pipeline in the storm sewer vault. A sediment sample was also to be collected at the storm sewer. However, there was not a sufficient amount of sediment present in the storm sewer to collect this sample (Figure 9). The wipe samples were transported to Test America, Inc. in Pleasanton, California under chain-of-custody. The storm sewer samples were then shipped by Test America, Inc. to the Denver, Colorado laboratory for analyses. Laboratory analytical reports for all wipe analyses, including chain-of-custody documentation are provided in Appendix A.

2.6 STORM SEWER RESULTS

A tabular summary of all soil results has been prepared (Table 3). A figure illustrating the distribution of PCBs in soil samples has also been prepared (Figure 9). Total PCBs were detected in sample PW-1 (grate) at a concentration of 0.00029 micrograms per 100 square centimeters (µg/100 cm^2). PCBs were not detected at the reporting limit of 0.001 µg/100 cm in sample PW-2 (pipeline). There is no established ESL for wipe samples. However, both of these concentrations are less than the 10 µg/100 cm^2 criteria derived from the EPA's PCB Spill Cleanup Policy, 40 CFR 761, Subpart G

3.0 SUMMARY

The data developed by the implementation of the supplemental investigation were used to more fully characterize the distribution of PCBs at concentrations greater than the ESL in the former transformers area. The data indicate the following conditions for the Site:

1. PCBs are present in parking lot surface concrete and asphalt down slope (west) of both pads and in the area along the gutter and storm sewer between the two pads where storm water has collected periodically over the years. However the supplemental data indicate that the storm sewer and slope of the parking lot surface has been effective in containing PCB-impacted storm water to this general area (Figures 4 through 8).
    - The horizontal extent of PCBs extend to an area just north of the former 750 kVA pad and gutter (locations PC-68 and PC-69);
    - The horizontal extent of PCBs extend to an area just south of the former 500 kVA pad and gutter (locations PC-63 and PC-73);
    - PCBs are present in concrete and asphalt between the two pads extending to the east to the base of Buildings 2A and a portion of Building 2B (PC-70 and PC-71); and
    - PCBs are present in concrete and asphalt and extend to the west into the narrow strip of soil along the property boundary (PS-66 through PS-70). However, the concentrations of PCBs in the surface soil at locations PS-66 through PS-70 are low.

2. Based on the previous investigation work and data collected from this supplemental investigation, PCBs are present in subsurface soil or fill near each of the two former pads to a depth of less than four feet bls (Figures 5 through 8). There are additional, isolated areas of PCBs in soil or fill down slope of both pads. However these are areas are of limited extent and are present in the upper one to two feet of subsurface soil or fill.

3. PCBs were not detected above regulatory levels at the storm sewer based on wipe samples of the sewer grate and pipeline.

4.0 REFERENCES

California Regional Water Quality Control Board, San Francisco Bay Region (Control Board), 2012a. Conditional Approval Letter for October 19, 2011 Revised Former PCB-Containing Transformers Investigation Data Submittal and Supplemental Work plan and March 23, 2012 Addendum/Response to Comments, Supplemental PCB Investigation Work plan. April 19, 2012.

_____, 2012b. Clarification of Conditional Approval of Revised Former PCB-Containing Transformers Investigation Data Submittal and Supplemental Work Plan, and Addendum/Response to Comments, Supplemental PCB Investigation Work Plan**.** July 25, 2012.

Hargis + Associates, Inc. (H+A), 2010. Technical Report on Site History, Former PCB-Containing Transformers, Former Beckman Coulter, Inc. Facility, Buildings 2 and 2A, Palo Alto, California. December 30, 2010.

_____, 2011a. Former PCB-Containing Transformers Investigation Work Plan, Revision 1.0, Former Beckman Coulter, Inc. Facility, 1050 Page Mill Road, Buildings 2, 2A, and 2B, Palo Alto, California. May 26, 2011.

_____, 2011b. Addendum to Revision 1.0, Former PCB-Containing Transformers Investigation Work Plan, Revision 1.0, Former Beckman Coulter, Inc. Facility, 1050 Page Mill Road, Buildings 2, 2A, and 2B, Palo Alto, California. August 12, 2011.

_____, 2011c. Former PCB-Containing Transformers Investigation Data Submittal and Supplemental Work Plan, Former Beckman Coulter, Inc. Facility, 1050 Page Mill Road, Buildings 2, 2A, and 2B, Palo Alto, California. October 19, 2011.

_____, 2012a. Addendum/Response to Comments, Supplemental PCB Investigation Work plan, Former Beckman Coulter, Inc. Facility, 1050 Page Mill Road, Buildings 2, 2A, And 2B, Palo Alto, California. March 23, 2012.

_____, 2012b. Electronic message from Mr. Brian Waggle, H+A to Mr. Roger Papler, Control Board and Ms. Carmen Santos, EPA re: Your Questions on Conditional Approval (Clarification Request). May 18, 2012.

TABLES

TABLE 1
CONCRETE AND ASPHALT SAMPLING RESULTS

Identifier	Depth (inches)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)
Former 750 kVA Pad Area					
PC-23-0.25	0-0.25	0.17 J	**1.3**	**1.5**	0.22
PC-23-0.50	0.25-0.50	<0.650	<0.650	<0.650	0.22
PC-24-0.25	0-0.25	<0.032	0.0062 J	0.0062 J	0.22
PC-25-0.25	0-0.25	**5.2 J**	**67**	**72**	0.22
PC-25-0.50	0.25-0.50	<6.7	**33**	**33**	0.22
PC-26-0.25	0-0.25	**2.8 J**	**17**	**20**	0.22
PC-26-0.50	0.25-0.50	<1.6	**6.1**	**6.1**	0.22
PC-27-0.25	0-0.25	**1.1 J**	**11**	**12**	0.22
PC-27-0.50	0.25-0.50	< 0.660	**4.4**	**4.4**	0.22
PC-28-0.25	0-0.25	<0.032	0.005 J	0.005 J	0.22
PC-29-0.25	0-0.25	0.16 J	**0.68**	**0.84**	0.22
PC-29-0.50	0.25-0.50	<0.033	0.22	0.22	0.22
PC-30-0.25	0-0.25	0.098 J	**1.1**	**1.2**	0.22
PC-30-0.50	0.25-0.50	<0.17	**0.89**	**0.89**	0.22
PC-31-0.25	0-0.25	0.079 J	**0.51**	**0.59**	0.22
PC-31-0.50	0.25-0.50	<0.13	**0.46**	**0.46**	0.22
PC-32-0.25	0-0.25	**0.29 J**	**1.7**	**1.9**	0.22
PC-32-0.50	0.25-0.50	<0.33	**1.6**	**1.6**	0.22
PC-33-0.25	0-0.25	**0.220 J**	**1.8**	**2.0**	0.22
PC-33-0.50	0.25-0.50	<0.33	**1.5**	**1.5**	0.22
PC-34-0.25	0-0.25	**0.57 J**	**0.44**	**0.50**	0.22
PC-34-0.50	0.25-0.50	<0.13	**0.39**	**0.39**	0.22
PC-35-0.25	0-0.25	0.011 J	0.036	0.047	0.22
PC-36-0.25	0-0.25	0.051	0.19	**0.24**	0.22
PC-36-0.50	0.25-0.50	<0.16	0.020 J	0.020 J	0.22
PC-37-0.25	0-0.25	<0.033	0.0027 J	0.0027 J	0.22
PC-38-0.25	0-0.25	0.13 J	**0.63**	**0.76**	0.22
PC-38-0.50	0.25-0.50	<0.16	0.13 J	0.13 J	0.22
PC-68-0.25	0-0.25	<0.033	<0.033	<0.033	0.22
PC-69-0.25	0-0.25	<0.032	0.097	0.097	0.22

TABLE 1
CONCRETE AND ASPHALT SAMPLING RESULTS

Identifier	Depth (inches)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)
Gutter and Storm Sewer Area					
PC-39-0.25	0-0.25	0.019 J	0.14	0.16	0.22
PC-40-0.25	0-0.25	**0.34**	**1.3**	**1.7**	0.22
PC-40-0.50	0.25-0.50	<0.16	**0.75**	**0.75**	0.22
PC-41-0.25	0-0.25	0.013 J	0.10	0.12	0.22
PC-42-0.25	0-0.25	0.14 J	**0.59**	**0.73**	0.22
PC-42-0.50	0.25-0.50	<0.16	0.12 J	0.12 J	0.22
PC-43-0.25	0-0.25	0.022 J	0.14	0.17	0.22
PC-44-0.25	0-0.25	**0.29 J**	**1.2**	**1.5**	0.22
PC-44-0.50	0.25-0.50	<0.16	0.18	0.18	0.22
PC-45-0.25	0-0.25	0.075	**0.26**	**0.34**	0.22
PC-45-0.50	0.25-0.50	<0.033	0.17	0.17	0.22
PC-46-0.25	0-0.25	0.075 J	**0.39**	**0.47**	0.22
PC-46-0.50	0.25-0.50	<0.16	0.12 J	0.12 J	0.22
PC-47-0.25	0-0.25	0.044 J	**0.30**	**0.35**	0.22
PC-47-0.50	0.25-0.50	<0.033	**0.26**	**0.26**	0.22
PC-48-0.25	0-0.25	**0.24 J**	**0.89**	**1.1**	0.22
PC-48-0.50	0.25-0.50	<0.16	**0.31**	**0.31**	0.22
PC-49-0.25	0-0.25	0.030 J	0.17	0.20	0.22
PC-50-0.25	0-0.25	0.11 J	**0.39**	**0.50**	0.22
PC-50-0.50	0.25-0.50	<0.16	0.17	0.17	0.22
PC-51-0.25	0-0.25	0.020 J	0.15	0.17	0.22
PC-52-0.25	0-0.25	0.21	**0.81**	**1.0**	0.22
PC-52-0.50	0.25-0.50	0.17	0.18	**0.35**	0.22
PC-70-0.25	0-0.25	<0.065	**0.44**	**0.44**	0.22
PC-71-0.25	0-0.25	0.056	**2.2**	**2.2**	0.22
Former 500 kVA Pad Area					
PC-53-0.25	0-0.25	0.079	**0.27**	**0.34**	0.22
PC-53-0.50	0.25-0.50	0.14 J	0.14 J	**0.28**	0.22
PC-54-0.25	0-0.25	0.022 J	0.030 J	0.052	0.22

TABLE 1
CONCRETE AND ASPHALT SAMPLING RESULTS

Identifier	Depth (inches)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)
PC-55-0.25	0-0.25	0.047	0.069	0.12	0.22
PC-56-0.25	0-0.25	0.061	0.023 J	0.084	0.22
PC-57-0.25	0-0.25	0.029 J	0.066	0.095	0.22
PC-58-0.25	0-0.25	0.015 J	0.030 J	0.046	0.22
PC-59-0.25	0-0.25	0.0095 J	0.012 J	0.021 J	0.22
PC-60-0.25	0-0.25	0.015 J	0.0071 J	0.022 J	0.22
PC-61-0.25	0-0.25	0.011 J	0.0028 J	0.014 J	0.22
PC-62-0.25	0-0.25	0.079	0.094	0.17	0.22
PC-63-0.25	0-0.25	0.150	0.180	**0.330**	0.22
PC-63-0.50	0.25-0.50	0.072 J	0.036 J	0.11 J	0.22
PC-64-0.25	0-0.25	0.069	0.072	0.140	0.22
PC-64-0.50	0.25-0.50	0.027 J	<0.033	0.027J	0.22
PC-65-0.25	0-0.25	**0.45 J**	<0.62	**0.45 J**	0.22
PC-65-0.50	0.25-0.50	**0.78**	**0.36**	**1.1**	0.22
PC-66-0.25	0-0.25	**0.28 J**	<0.64	**0.28 J**	0.22
PC-66-0.50	0.25-0.50	**0.75**	**0.35**	**1.1**	0.22
PC-72-0.25	0-0.25	<0.033	0.014 J	0.014 J	0.22
PC-73-0.25	0-0.25	<0.033	<0.033	<0.033	0.22

FOOTNOTES

< = Less than; the numerical value is the Reporting Limit for that compound
Bold Font = Value greater than the ESL
ESL = Environmental Screening Level
J = Estimated; the numerical value is between the Method Detection Limit and the Reporting Limit
kVA = Kilovolt-ampere
mg/kg = Milligrams per kilogram
PCB = Polychlorinated biphenyl

TABLE 2
SOIL SAMPLING RESULTS

Identifier	Depth (feet)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)
Former 750 kVA Pad Area					
PS-11-0.25	0.25	<0.036	<0.036	<0.036	0.22
PS-11-1	1	<0.033	<0.033	<0.033	0.22
PS-12-0.25	0.25	<0.034	0.007 J	0.007 J	0.22
PS-12-1	1	<0.033	<0.033	<0.033	0.22
PS-13-0.25	0.25	<0.033	0.049	0.049	0.22
PS-13-1	1	<0.036	<0.036	<0.036	0.22
PS-14-0.25	0.25	<0.067	**0.27**	**0.27**	0.22
PS-14-1	1	<0.033	<0.033	<0.033	0.22
PS-15-0.25	0.25	<0.034	<0.034	<0.034	0.22
PS-15-1	1	<0.036	<0.036	<0.036	0.22
PS-16-0.25	0.25	<0.034	<0.034	<0.034	0.22
PS-16-1	1	<0.037	<0.037	<0.037	0.22
PS-17-0.25	0.25	<0.36	**0.56**	**0.56**	0.22
PS-17-1	1	<0.037	0.047	0.047	0.22
PS-18-0.25	0.25	<0.068	<0.068	<0.068	0.22
PS-18-1	1	<0.037	<0.037	<0.037	0.22
PS-19-0.25	0.25	<0.036	0.012 J	0.012 J	0.22
PS-19-1	1	<0.033	<0.033	<0.033	0.22
PS-20-0.25	0.25	<0.068	0.16	0.16	0.22
PS-20-1	1	<0.037	<0.037	<0.037	0.22
PS-21-0.25	0.25	<0.038	0.064	0.064	0.22
PS-21-1	1	<0.038	<0.038	<0.038	0.22
PS-22-0.25	0.25	<0.36	**1.2**	**1.2**	0.22
PS-22-1	1	<0.036	<0.036	<0.036	0.22
PS-23-0.25	0.25	<0.077	**0.37**	**0.37**	0.22
PS-23-1	1	<0.20	**0.85**	**0.85**	0.22
PS-23-2	2	<0.040	0.035 J	0.035 J	0.22
PS-23-3	3	<0.037	0.077	0.077	0.22
PS-24-0.25	0.25	<0.037	0.072	0.072	0.22
PS-24-1	1	<0.040	<0.040	<0.040	0.22
PS-25-0.25	0.25	<0.066	0.076	0.076	0.22
PS-25-1	1	<0.038	<0.038	<0.038	0.22
PS-26-0.25	0.25	<0.034	<0.034	<0.034	0.22
PS-26-1	1	<0.034	<0.034	<0.034	0.22

TABLE 2
SOIL SAMPLING RESULTS

Identifier	Depth (feet)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)
PS-27-0.25	0.25	<0.032	<0.032	<0.032	0.22
PS-27-1	1	<0.032	<0.032	<0.032	0.22
PS-28-0.25	0.25	<0.037	<0.037	<0.037	0.22
PS-28-1	1	<0.034	<0.034	<0.034	0.22
PS-29-0.25	0.25	<0.034	<0.034	<0.034	0.22
PS-29-1	1	0.063	**0.27**	**0.33**	0.22
PS-29-2	2	<0.039	<0.039	<0.039	0.22
PS-29-3	3	<0.036	<0.036	<0.036	0.22
Gutter and Storm Sewer Area					
PS-30-0.25	0.25	0.14	**0.41**	**0.55**	0.22
PS-30-1	1	<0.039	<0.039	<0.039	0.22
PS-31-0.25	0.25	<0.034	<0.034	<0.034	0.22
PS-31-1	1	<0.038	<0.038	<0.038	0.22
PS-32-0.25	0.25	<0.036	<0.036	<0.036	0.22
PS-32-1	1	0.011 J	0.0075 J	0.019 J	0.22
PS-33-0.25	0.25	<0.033	<0.033	<0.033	0.22
PS-33-1	1	<0.039	<0.039	<0.039	0.22
PS-34-0.25	0.25	<0.036	<0.036	<0.036	0.22
PS-34-1	1	<0.040	<0.040	<0.040	0.22
PS-35-0.25	0.25	<0.17	<0.17	<0.17	0.22
PS-35-1	1	<0.17	<0.17	<0.17	0.22
PS-36-0.25	0.25	<0.18	<0.18	<0.18	0.22
PS-36-1	1	<0.19	<0.19	<0.19	0.22
PS-37-0.25	0.25	<0.034	<0.034	<0.034	0.22
PS-37-1	1	<0.039	<0.039	<0.039	0.22
PS-38-0.25	0.25	<0.16	0.045 J	0.045 J	0.22
PS-38-1	1	<0.19	<0.19	<0.19	0.22
PS-39-0.25	0.25	<0.17	<0.17	<0.17	0.22
PS-39-1	1	<0.19	<0.19	<0.19	0.22
PS-40-0.25	0.25	<0.19	<0.19	<0.19	0.22
PS-40-1	1	<0.19	<0.19	<0.19	0.22
PS-41-0.25	0.25	<0.16	<0.16	<0.16	0.22
PS-41-1	1	<0.19	<0.19	<0.19	0.22
PS-42-0.25	0.25	<0.19	0.030 J	0.030 J	0.22
PS-42-1	1	<0.18	<0.18	<0.18	0.22

TABLE 2
SOIL SAMPLING RESULTS

Identifier	Depth (feet)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)
PS-43-0.25	0.25	<0.16	<0.16	<0.16	0.22
PS-43-1	1	<0.18	<0.18	<0.18	0.22
PS-44-0.25	0.25	<0.16	<0.16	<0.16	0.22
PS-44-1	1	<0.19	<0.19	<0.19	0.22
Former 500 kVA Pad Area					
PS-45-0.25	0.25	<0.17	<0.17	<0.17	0.22
PS-45-1	1	<0.17	<0.17	<0.17	0.22
PS-46-0.25	0.25	<0.16	0.024 J	0.024 J	0.22
PS-46-1	1	<0.18	<0.18	<0.18	0.22
PS-47-0.25	0.25	<0.17	0.027 J	0.027 J	0.22
PS-47-1	1	<0.18	<0.18	<0.18	0.22
PS-48-0.25	0.25	<0.19	**0.23**	**0.23**	0.22
PS-48-1	1	<0.20	<0.20	<0.20	0.22
PS-49-0.25	0.25	<0.18	<0.18	<0.18	0.22
PS-49-1	1	<0.19	<0.19	<0.19	0.22
PS-50-0.25	0.25	<0.19	<0.19	<0.19	0.22
PS-50-1	1	<0.18	<0.18	<0.18	0.22
PS-51-0.25	0.25	<0.18	0.11 J	0.11 J	0.22
PS-51-1	1	<0.19	<0.19	<0.19	0.22
PS-52-0.25	0.25	<0.17	<0.17	<0.17	0.22
PS-52-1	1	<0.20	<0.20	<0.20	0.22
PS-53-0.25	0.25	<0.18	0.041 J	0.041 J	0.22
PS-53-1	1	<0.20	<0.20	<0.20	0.22
PS-54-0.25	0.25	<0.18	<0.18	<0.18	0.22
PS-54-1	1	<0.18	<0.18	<0.18	0.22
PS-55-0.25	0.25	<0.17	<0.17	<0.17	0.22
PS-55-1	1	<0.35	**0.56**	**0.56**	0.22
PS-55-2	2	<0.038	<0.038	<0.038	0.22
PS-55-3	3	<0.037	<0.037	<0.037	0.22
PS-56-0.25	0.25	<0.035	<0.035	<0.035	0.22
PS-56-1	1	<0.037	<0.037	<0.037	0.22
PS-57-0.25	0.25	**0.30**	0.13	**0.43**	0.22
PS-57-1	1	<0.037	<0.037	<0.037	0.22
PS-58-0.25	0.25	**1.8**	<0.34	**1.8**	0.22
PS-58-1	1	0.054	0.093	0.15	0.22

TABLE 2
SOIL SAMPLING RESULTS

Identifier	Depth (feet)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)
PS-59-0.25	0.25	**1.1**	**0.67**	**1.8**	0.22
PS-59-1	1	<0.037	<0.037	<0.037	0.22
PS-60-0.25[a]	0.25	**120**	**40**	**160**	0.22
PS-60-1[a]	1	0.12	0.044	0.17	0.22
PS-60-0.25[b]	0.25	0.13	0.11	**0.24**	0.22
PS-60-1[b]	1	**0.42**	**0.34**	**0.76**	0.22
PS-60-2[b]	2	**0.42**	<0.076	**0.42**	0.22
PS-60-3[b]	3	**0.26**	0.14	**0.39**	0.22
PS-60-4[b]	4	0.06	<0.037	0.06	0.22
					0.22
PS-63-0.25	0.25	0.024 J	0.014 J	0.038	0.22
PS-63-1	1	<0.034	<0.034	<0.034	0.22
PS-64-0.25	0.25	0.20	0.10	**0.30**	0.22
PS-64-1	1	<0.037	<0.037	<0.037	0.22
PS-65-0.25	0.25	0.011 J	<0.033	0.011 J	0.22
PS-65-1	1	<0.034	<0.034	<0.034	0.22
Western Property Boundary					
PS-66-0.25	0.25	<0.036	**0.33**	**0.33**	0.22
PS-67-0.25	0.25	<0.036	**0.23**	**0.23**	0.22
PS-68-0.25	0.25	<0.033	**0.27**	**0.27**	0.22
PS-69-0.25	0.25	<0.034	**0.32**	**0.32**	0.22
PS-70-0.25	0.25	<0.061	**0.36**	**0.36**	0.22

FOOTNOTES

< = Less than; the numerical value is the Reporting Limit for that compound
Bold Font = Value greater than the ESL
ESL = Environmental Screening Level
J = Estimated; the numerical value is between the Method Detection Limit and the Reporting Limit
kVA = Kilovolt-ampere
mg/kg = Milligrams per kilogram
PCB = Polychlorinated biphenyl
[a] = Sample collected on 08/23/2012; auger refusal at one foot bls
[b] = Sample collected on 08/28/2012

TABLE 3
SEDIMENT AND WIPE SAMPLING RESULTS

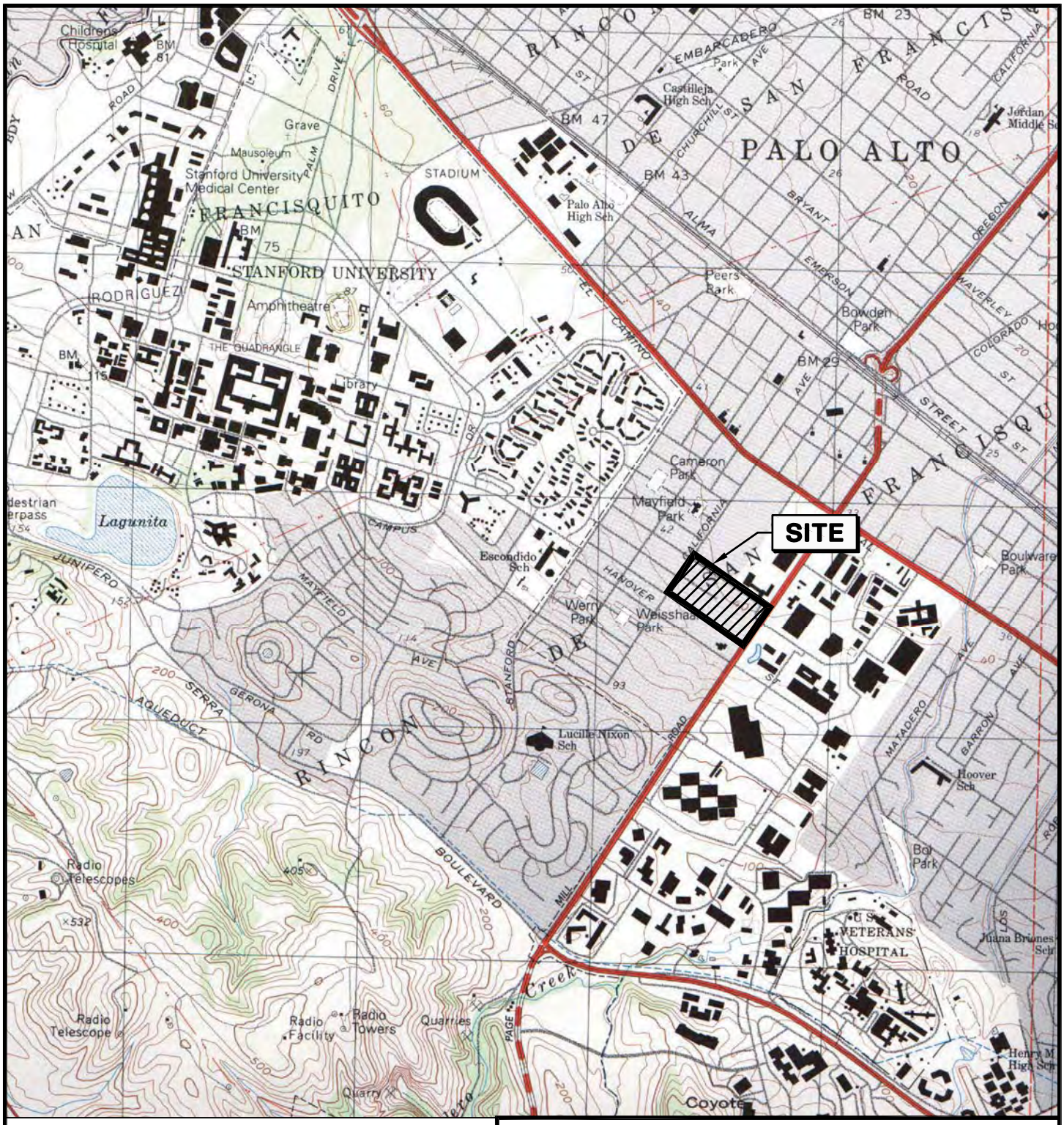
Identifier	Media	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)	Total PCBs Residential ESL (mg/kg)	Comments
Sediment Results - Storm Sewer						
PSD-1	Sediment	NC	NC	NC	0.22	No material was available for sampling

Identifier	Media	PCB-1254 (ug/100 cm^2)	PCB-1260 (ug/100 cm^2)	Total PCBs (ug/100 cm^2)	USEPA 40 CFR 761 Subpart G*	Comments
Wipe Results - Storm Sewer						
PW-1	Wipe	<1	0.29 J	0.29 J	10 µg/100 cm^2	Storm Sewer Grate
PW-2	Wipe	<1	<1	<1	10 µg/100 cm^2	Storm Sewer Pipeline

FOOTNOTES

µg/cm^2 = micrograms per cubic centimeter
(<) = Less than; the numerical value is the Reporting Limit for that compound
* = 10 µg/100 cm^2 criteria is derived from the USEPA's PCB Spill Cleanup Policy, 40 CFR 761, Subpart G
ESL = Environmental Screening Level
J = Estimated; the numerical value is between the Method Detection Limit and the Reporting Limit for that compound
mg/kg = Milligrams per kilogram
PCB = Polychlorinated biphenyl
NC = Not Collected

FIGURES



BECKMAN COULTER, INC.
1050 PAGE MILL ROAD
PALO ALTO, CALIFORNIA

SITE LOCATION

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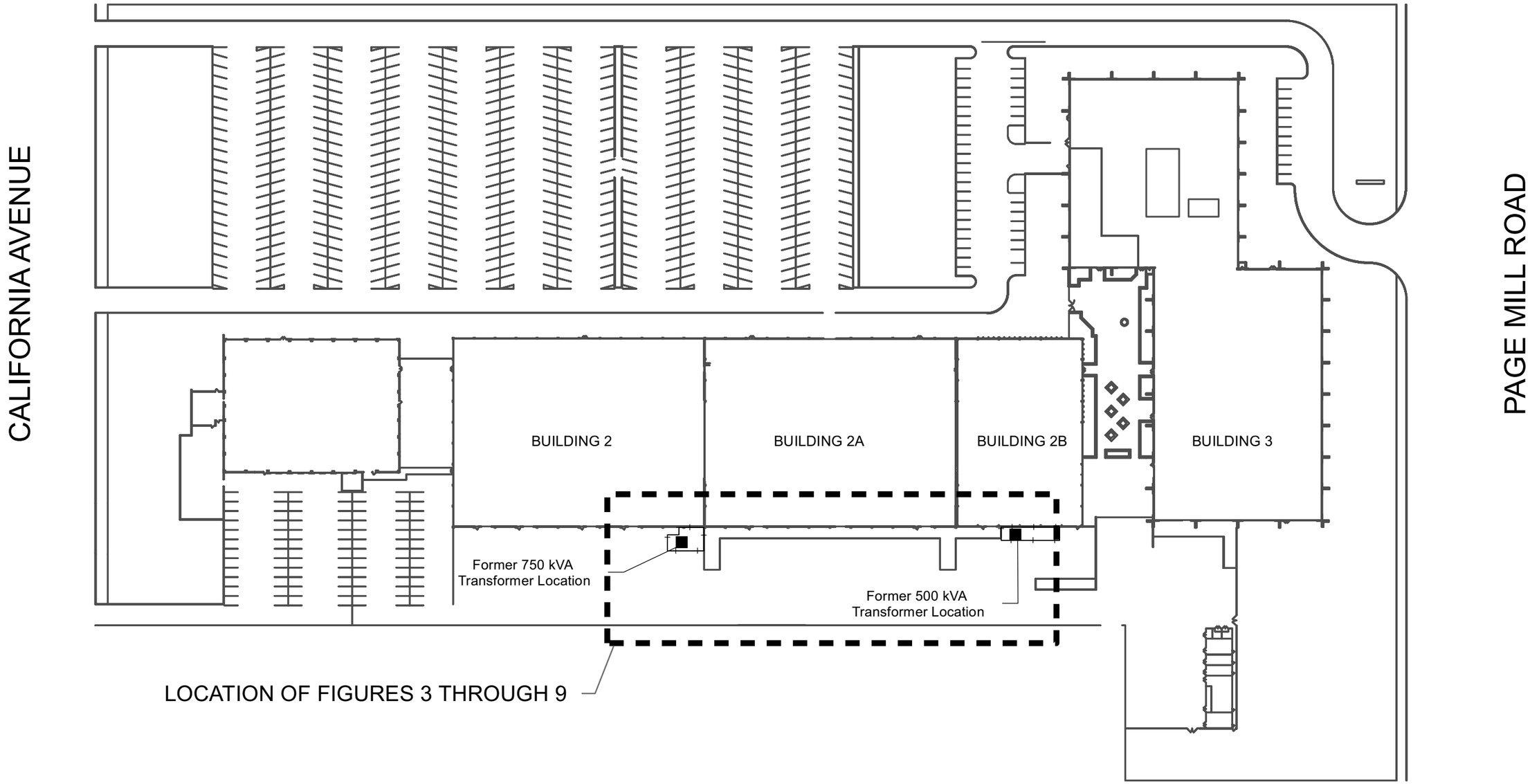
11/12

FIGURE 1

PREP BY	REV BY	RPT NO. 458.6	410-753	A



EXPLANATION

■ Former Transformer Location

kVA Kilovolt-amperes

N

0 100 200 Feet

BECKMAN COULTER, INC.
PALO ALTO, CALIFORNIA

FORMER TRANSFORMER LOCATIONS

HARGIS + ASSOCIATES, INC.
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10/16/2012

FIGURE 2

PREP BY DAT REV BY BRW RPT NO 458.5

Path: P:\Project Storage\Beckman\458 - Palo Alto\GIS\Maps\458.7 Former Transformer Location PCB Sampling\Former Transformer Locations.mxd

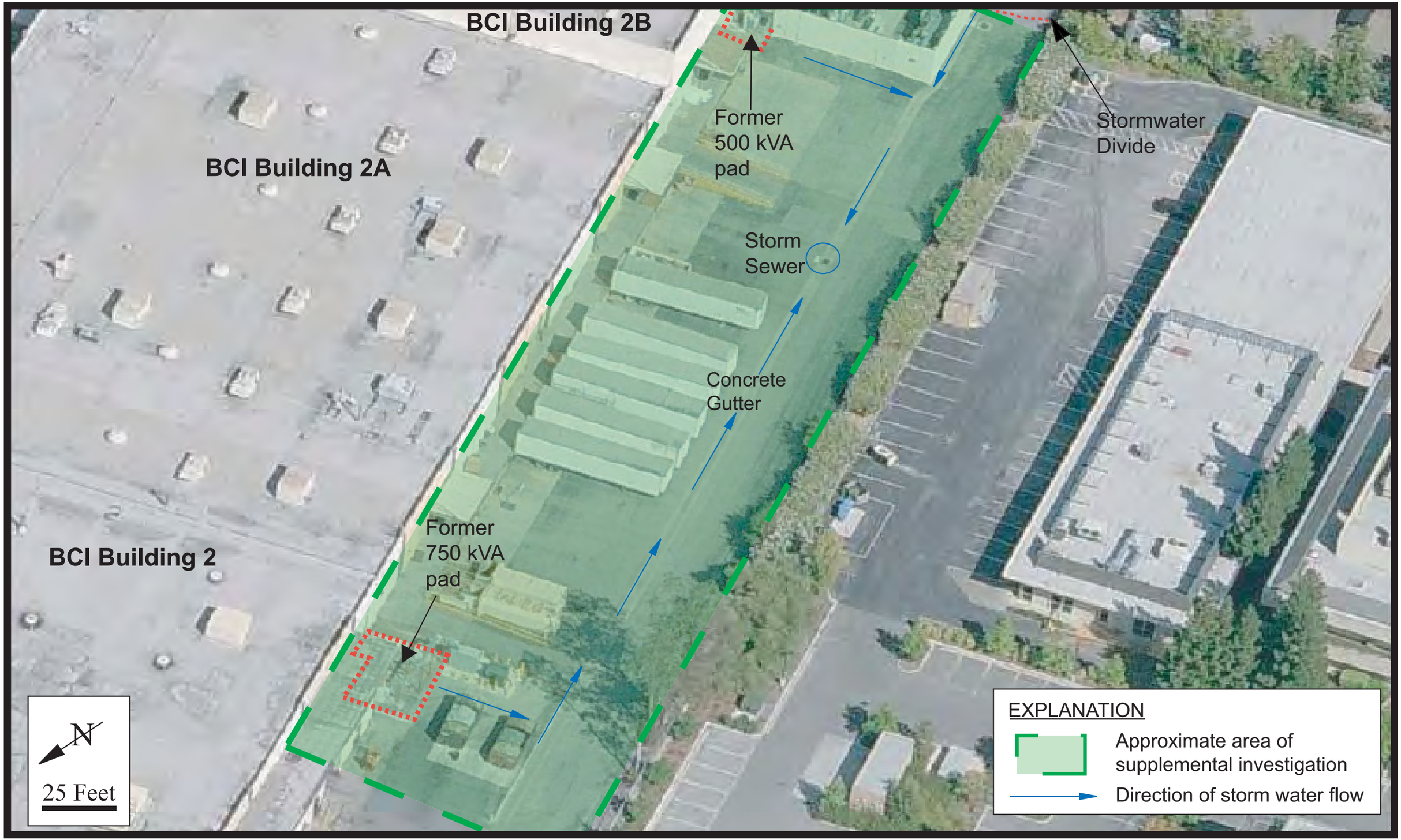

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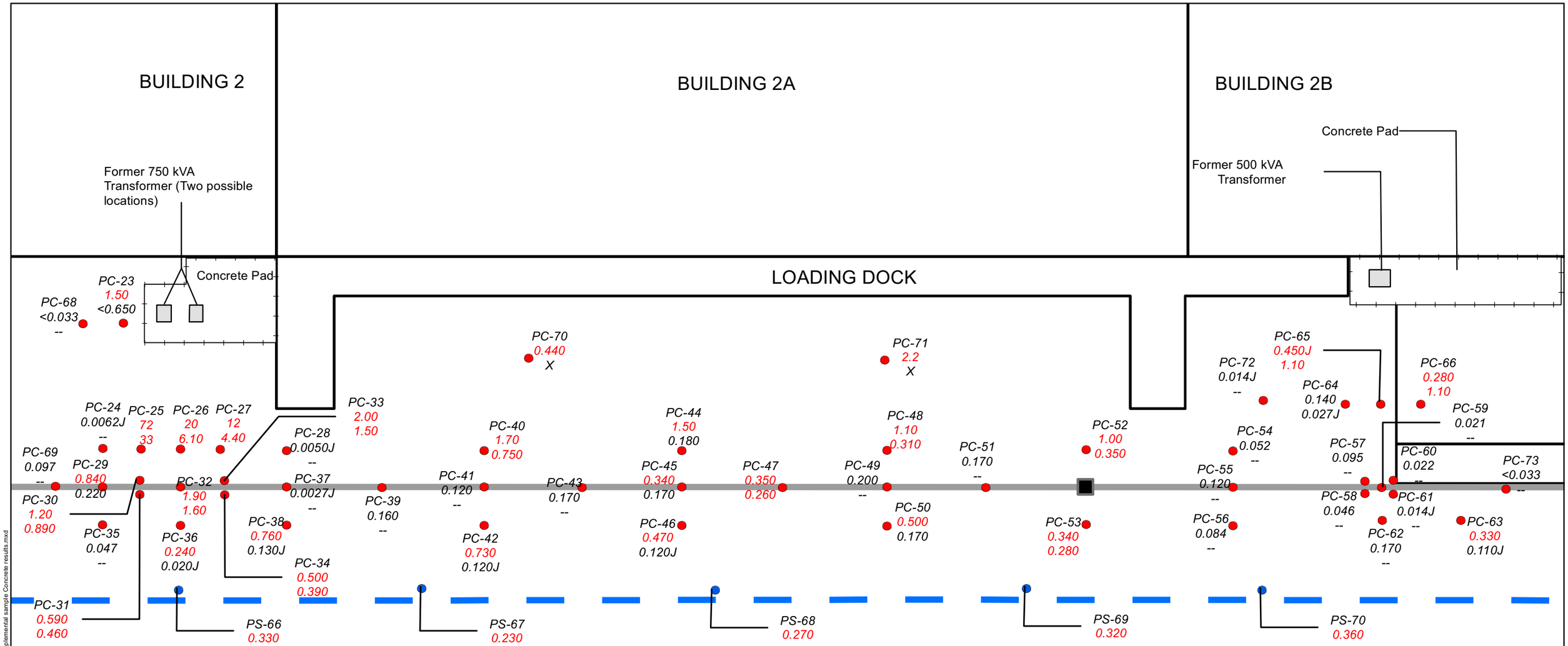
FIGURE 3. FORMER TRANSFORMER PAD, GUTTER, AND STORM SEWER LOCATIONS



EXPLANATION

PC-39 -- CONCRETE (OR ASPHALT) SAMPLING LOCATION
0.160 -- 0 - 0.25 inch result (mg/kg)
-- -- 0.25 - 0.50 inch result (mg/kg)

PS-66 -- PROPERY LINE SURFACE SOIL SAMPLING LOCATION
0.330 -- 0 - 3 inch result (mg/kg)

kVA = kilovolt amperes
mg/kg = milligrams per kilograms
ESL = environmental screening level
Residential ESL = 0.22 mg/kg
Industrial ESL = 0.74 mg/kg
J = Estimated value; compound detected between method detection limit and reporting limit

Red results indicate total PCB concentrations exceeding the residential ESL

FORMER TRANSFORMER LOCATION
FENCED CONCRETE PAD
CONCRETE GUTTER
PROPERTY LINE
STORM SEWER

N

0 25 50 Feet

BECKMAN COULTER, INC.
PALO ALTO, CALIFORNIA

SUPPLEMENTAL CONRETE AND ASPHALT SAMPLING RESULTS

HARGIS + ASSOCIATES, INC.
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FIGURE 4

PREP BY DAT REV BY BRW RPT NO 458.7

Path: P:\Project Storage\Beckman\458 - Palo Alto\GIS\Maps\458.7 Former Transformer Location PCB Sampling\Supplemental sample Concrete results.mxd

BUILDING 2

BUILDING 2A

BUILDING 2B

Former 750 kVA Transformer (Two possible locations)

Concrete Pad

Former 500 kVA Transformer

Concrete Pad

LOADING DOCK

PS-11

PS-12 PS-13 PS-14

PS-15 PS-16 PS-17 PS-18 PS-19

PS-20 PS-21 PS-23 PS-24 PS-28 PS-30 PS-32 PS-34 PS-36 PS-38 PS-40 PS-42 PS-46 PS-48 PS-51

PS-22 PS-25 PS-33 PS-37 PS-41 PS-44 PS-49 PS-52

PS-26 PS-27 PS-29 PS-47 PS-53 PS-54

PS-31 PS-35 PS-39 PS-43 PS-45 PS-50

PS-58 PS-63 PS-64 PS-65

PS-59 PS-60 PS-55 PS-56 PS-57

PS-66 PS-67 PS-68 PS-69 PS-70

AREA OF FIGURE 6

AREA OF FIGURE 7

AREA OF FIGURE 8

EXPLANATION

- PS-11 -- SOIL SAMPLING LOCATION
- FORMER TRANSFORMER LOCATION
- FENCED CONCRETE PAD
- CONCRETE GUTTER
- PROPERTY LINE
- STORM SEWER

kVA = kilovolt amperes

N

0 25 50 Feet

BECKMAN COULTER, INC.
PALO ALTO, CALIFORNIA

SUPPLEMENTAL SOIL SAMPLING LOCATIONS

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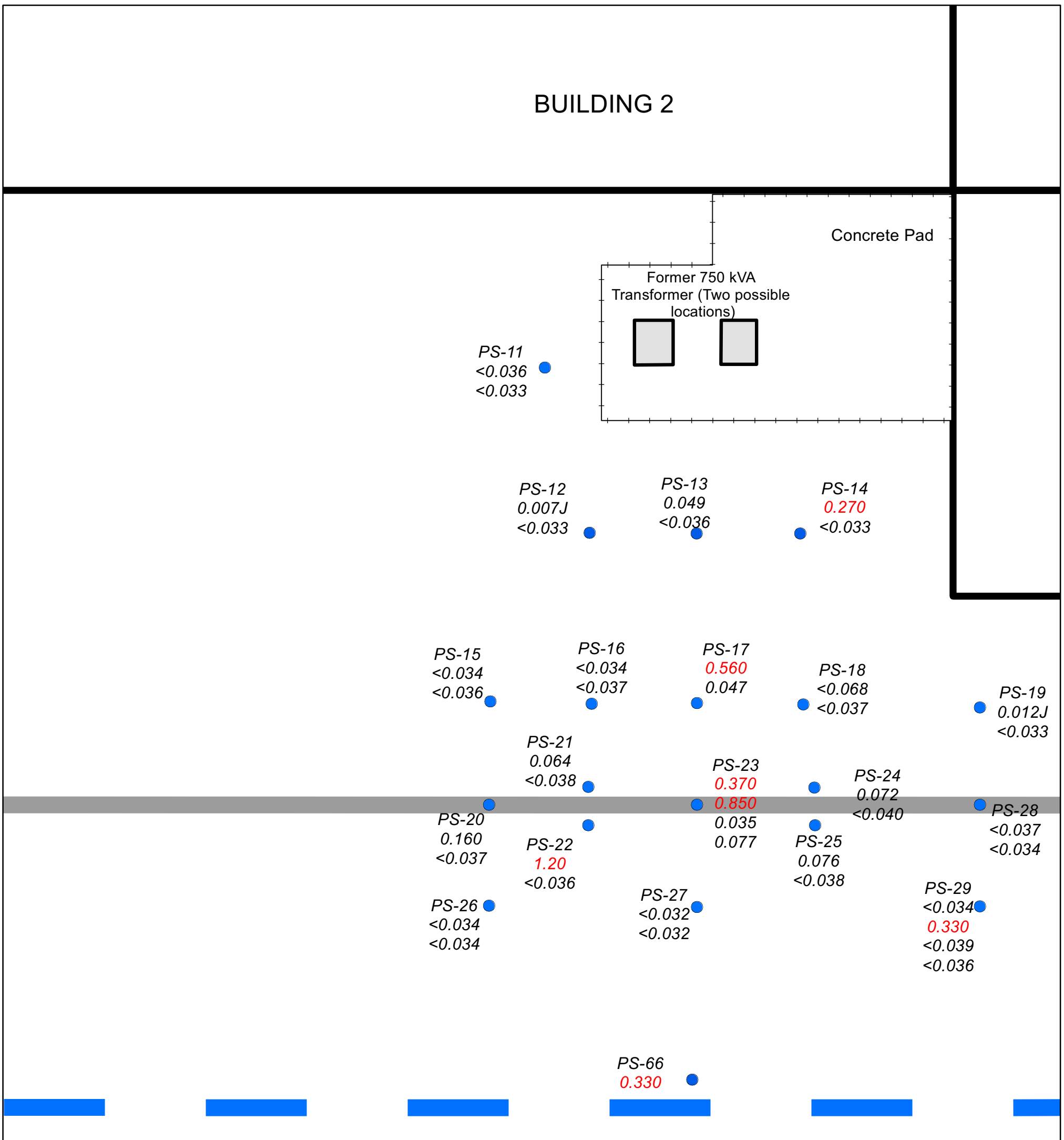
FIGURE 5

PREP BY DAT REV BY BRW RPT NO 458.7

Path: P:\Project Storage\Beckman\458 - Palo Alto\GIS\Maps\458.7 Former Transformer Location PCB Sampling\Supplemental Soil Sample Location Map.mxd



EXPLANATION

PS-29 -- SOIL SAMPLING LOCATION
<0.034 -- 0 - 3 inch result (mg/kg)
0.330 -- 1 foot result (mg/kg)
<0.039 -- 2 foot result (mg/kg)
<0.036 -- 3 foot result (mg/kg)

FORMER TRANSFORMER LOCATION
FENCED CONCRETE PAD
CONCRETE GUTTER
PROPERTY LINE
STORM SEWER

kVA = kilovolt amperes
mg/kg = milligrams per kilograms
ESL = environmental screening level
Residential ESL = 0.22 mg/kg
Industrial ESL = 0.74 mg/kg
J = Estimated value; compound detected between method detection limit and reporting limit

Red results indicate total PCB concentrations exceeding the residential ESL

N

0 5 10 Feet

BECKMAN COULTER, INC.
PALO ALTO, CALIFORNIA

SUPPLEMENTAL SOIL SAMPLING RESULTS 750 kVA PAD AREA

HARGIS + ASSOCIATES, INC.
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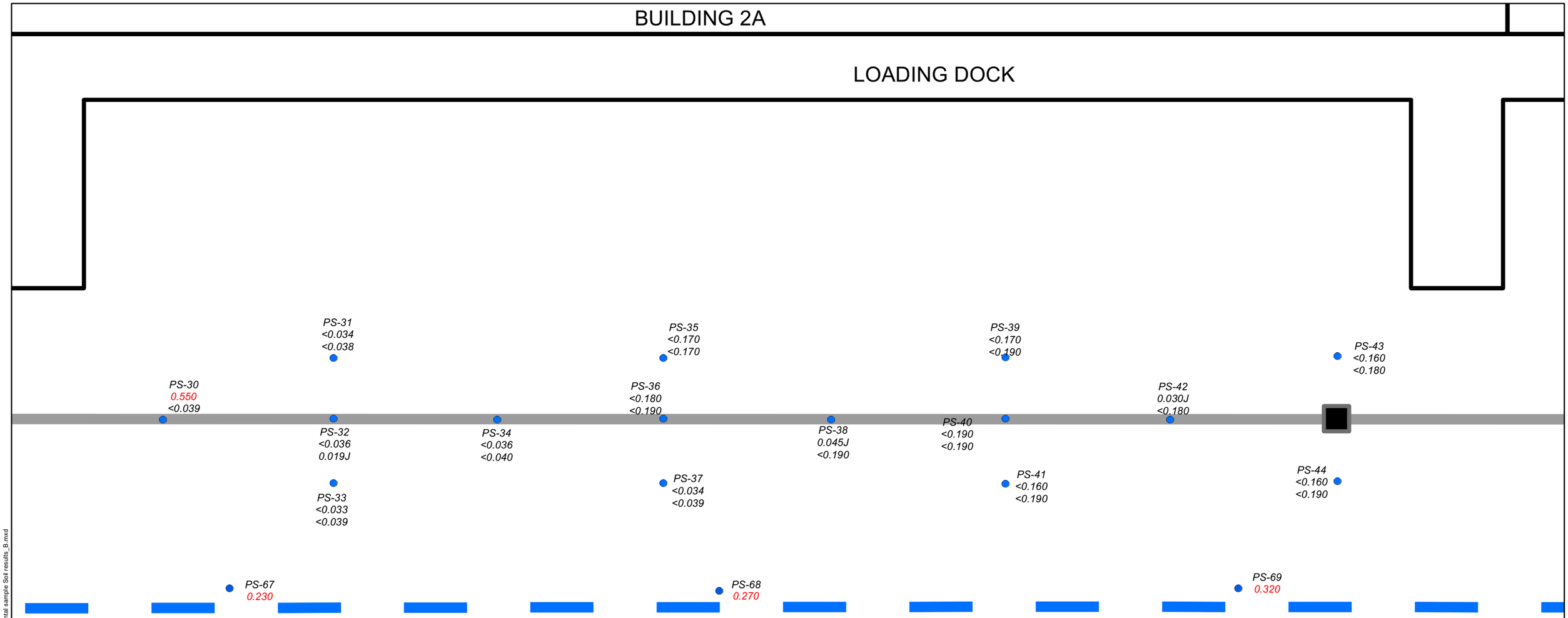
FIGURE 6

PREP BY DAT REV BY BRW RPT NO 458.7

Path: P:\Project Storage\Beckman\458 - Palo Alto\GIS\Maps\458.7 Former Transformer Location PCB Sampling\Supplemental sample Soil results_A.mxd



EXPLANATION

PS-30 -- SOIL SAMPLING LOCATION
0.550 -- 0 - 3 inch result (mg/kg)
<0.039 -- 1 foot result (mg/kg)

FORMER TRANSFORMER LOCATION

FENCED CONCRETE PAD

CONCRETE GUTTER

PROPERTY LINE

STORM SEWER

mg/kg = milligrams per kilograms
ESL = environmental screening level
Residential ESL = 0.22 mg/kg
Industrial ESL = 0.74 mg/kg
J = Estimated value; compound detected between method detection limit and reporting limit

Red results indicate total PCB concentrations exceeding the residential ESL

N

0 7.5 15 Feet

BECKMAN COULTER, INC.
PALO ALTO, CALIFORNIA

SUPPLEMENTAL SOIL SAMPLING RESULTS GUTTER AND STORM SEWER AREA

HARGIS + ASSOCIATES, INC.
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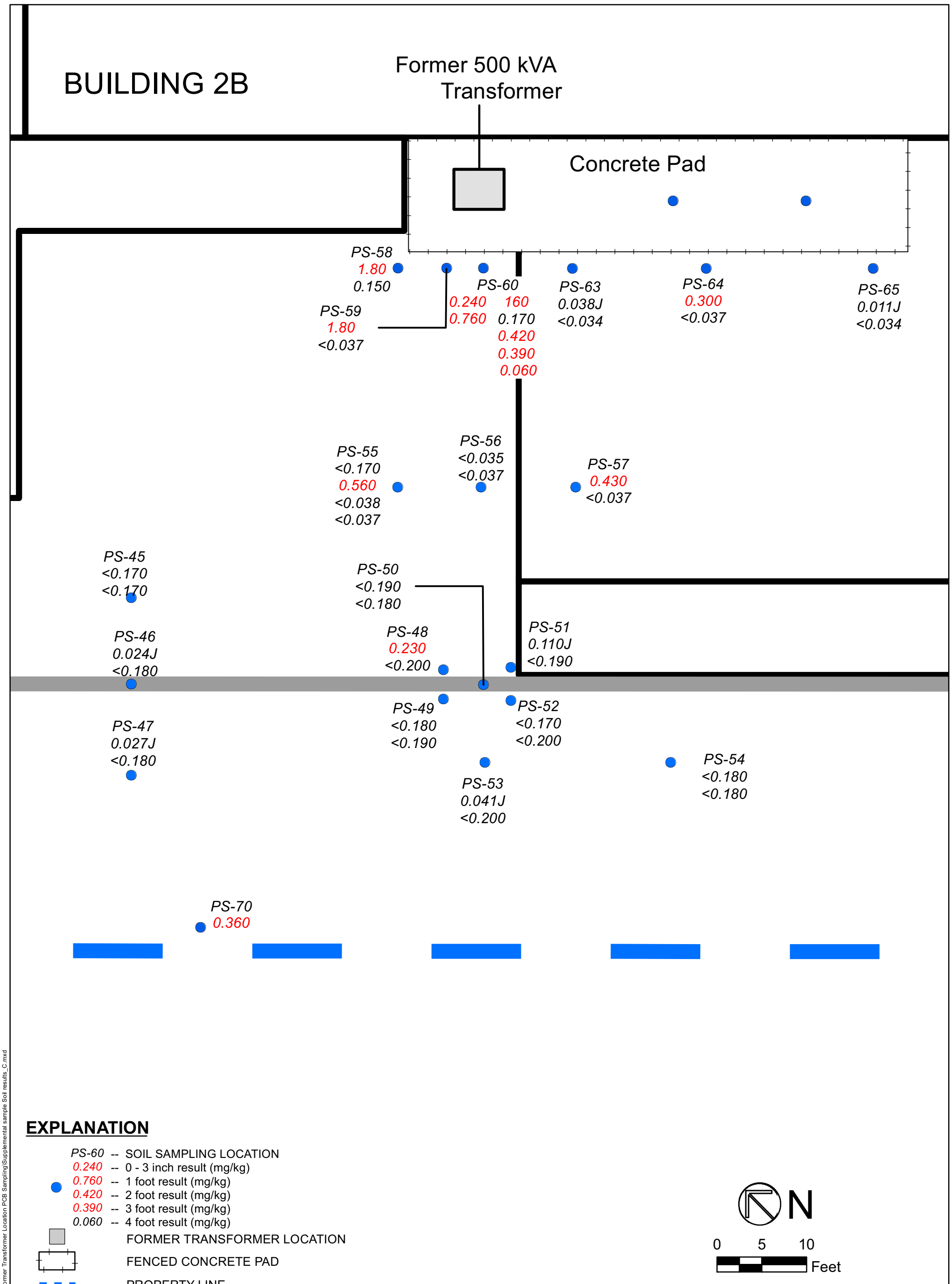
FIGURE 7

PREP BY DAT REV BY BRW RPT NO 458.7

Path: P:\Project Storage\Beckman\458 - Palo Alto\GIS\Maps\458.7 Former Transformer Location PCB Sampling\Supplemental sample Soil results_B.mxd



EXPLANATION

PS-60 -- SOIL SAMPLING LOCATION
0.240 -- 0 - 3 inch result (mg/kg)
0.760 -- 1 foot result (mg/kg)
0.420 -- 2 foot result (mg/kg)
0.390 -- 3 foot result (mg/kg)
0.060 -- 4 foot result (mg/kg)

FORMER TRANSFORMER LOCATION
FENCED CONCRETE PAD
PROPERTY LINE
CONCRETE GUTTER
STORM SEWER

N

0 5 10 Feet

kVA = kilovolt amperes
mg/kg = milligrams per kilograms
ESL = environmental screening level
Residential ESL = 0.22 mg/kg
Industrial ESL = 0.74 mg/kg
J = Estimated value; compound detected between method detection limit and reporting limit

Red results indicate total PCB concentrations exceeding the residential ESL

BECKMAN COULTER, INC.
PALO ALTO, CALIFORNIA

SUPPLEMENTAL SOIL SAMPLING RESULTS 500 kVA PAD AREA

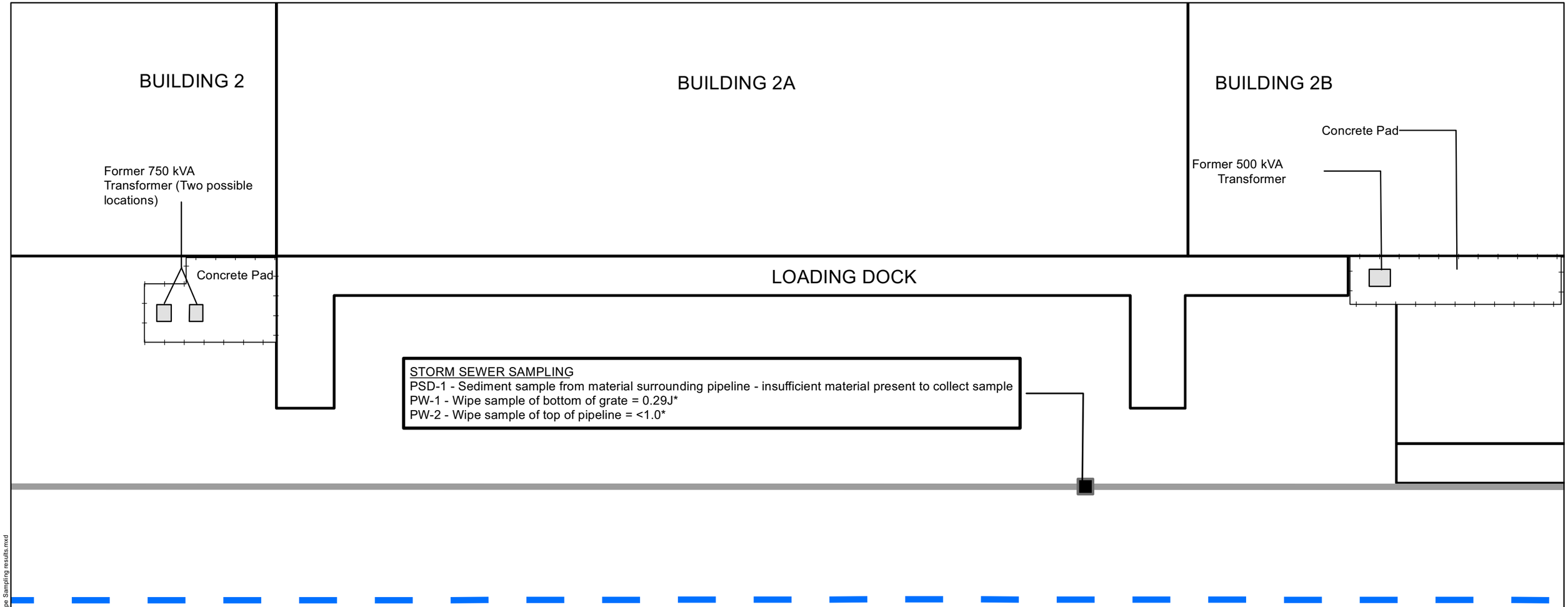
HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

10/26/2012

FIGURE 8

PREP BY DAT REV BY BRW RPT NO 458.7

Path: P:\Project Storage\Beckman\458 - Palo Alto\GIS\Maps\458.7 Former Transformer Location PCB Sampling\Supplemental sample Soil results_C.mxd



EXPLANATION

- FORMER TRANSFORMER LOCATION
- FENCED CONCRETE PAD
- CONCRETE GUTTER
- PROPERTY LINE
- STORM SEWER

kVA = kilovolt amperes
* = Wipe samples in units of micrograms per 100 square centimeters
J = Estimated value; compound detected between method detection limit and reporting limit

N

0 25 50 Feet

BECKMAN COULTER, INC.
PALO ALTO, CALIFORNIA

SEDIMENT AND WIPE SAMPLING RESULTS

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

10/26/2012

FIGURE 9

PREP BY DAT REV BY BRW RPT NO 458.7

Path: P:\Project Storage\Beckman\458 - Palo Alto\GIS\Maps\458.7 Former Transformer Location PCB Sampling\Sediment and Wipe Sampling results.mxd

APPENDIX A

ANALYTICAL LABORATORY REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-32590-1
Client Project/Site: Beckman Coulter - Palo Alto, CA

For:
Hargis + Associates, Inc.
1640 S. Stapley Drive
Suite 209
Mesa, Arizona 85204

Attn: Mr. Brian Waggle

Authorized for release by:
9/28/2012 1:50:53 PM

DiLea Griego
Project Manager I
dilea.griego@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 280-32590-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Hargis + Associates, Inc.

Project: Beckman Coulter - Palo Alto, CA

Report Number: 280-32590-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/25/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 3.0 C and 3.4 C.

POLYCHLORINATED BIPHENYLS (PCBS) - METHOD 8082A

Samples PC-23-0.25 (280-32590-1)[25X], PC-25-0.25 (280-32590-3)[500X], PC-26-0.25 (280-32590-4)[200X], PC-27-0.25 (280-32590-5)[100X], PC-29-0.25 (280-32590-7)[10X], PC-30-0.25 (280-32590-8)[10X], PC-31-0.25 (280-32590-9)[5X], PC-32-0.25 (280-32590-10)[20X], PC-33-0.25 (280-32590-11)[10X], PC-34-0.25 (280-32590-12)[2X], PC-38-0.25 (280-32590-16)[5X], PC-39-0.25 (280-32590-17)[2X], PC-40-0.25 (280-32590-18)[10X], PC-42-0.25 (280-32590-20)[5X], PC-44-0.25 (280-32590-22)[10X], PC-45-0.25 (280-32590-23)[2X], PC-46-0.25 (280-32590-24)[5X], PC-47-0.25 (280-32590-25)[5X], PC-48-0.25 (280-32590-26)[10X], PC-49-0.25 (280-32590-27)[2X], PC-50-0.25 (280-32590-28)[5X], PC-51-0.25 (280-32590-29)[2X], PC-52-0.25 (280-32590-30)[5X], PC-53-0.25 (280-32590-31)[2X], PC-63-0.25 (280-32590-43)[4X], PC-65-0.25 (280-32590-45)[20X] and PC-66-0.25 (280-32590-46)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Due to the level of dilution required for the following samples, surrogate recoveries could not be accurately calculated: PC-23-0.25 (280-32590-1), PC-25-0.25 (280-32590-3), PC-26-0.25 (280-32590-4), PC-27-0.25 (280-32590-5), PC-29-0.25 (280-32590-7), PC-30-0.25 (280-32590-8), PC-31-0.25 (280-32590-9), PC-32-0.25 (280-32590-10), PC-33-0.25 (280-32590-11), PC-38-0.25 (280-32590-16), PC-40-0.25 (280-32590-18), PC-42-0.25 (280-32590-20), PC-44-0.25 (280-32590-22), PC-46-0.25 (280-32590-24), PC-47-0.25 (280-32590-25), PC-48-0.25 (280-32590-26), PC-50-0.25 (280-32590-28), PC-52-0.25 (280-32590-30), PC-63-0.25 (280-32590-43), (280-32590-45) and PC-66-0.25 (280-32590-46).

Surrogate DCB Decachlorobiphenyl was recovered outside the QC control limits in the following samples: PC-24-0.25 (280-32590-2), PC-34-0.25 (280-32590-12), PC-35-0.25 (280-32590-13), PC-36-0.25 (280-32590-14), PC-37-0.25 (280-32590-15), PC-39-0.25 (280-32590-17), PC-41-0.25 (280-32590-19), PC-49-0.25 (280-32590-27), PC-51-0.25 (280-32590-29), PC-53-0.25 (280-32590-31), PC-54-0.25 (280-32590-32), PC-55-0.25 (280-32590-33), PC-56-0.25 (280-32590-34), PC-57-0.25 (280-32590-37), PC-58-0.25 (280-32590-38), PC-59-0.25 (280-32590-39), PC-60-0.25 (280-32590-40), PC-61-0.25 (280-32590-41) and PC-62-0.25 (280-32590-42). This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary. Sample data should be considered biased high or low. It was noted; the samples contained multiple target and non-target peaks which may have interfered with recoveries.

Surrogate Tetrachloro-m-xylene was recovered outside the QC control limits in the following samples: PC-45-0.25 (280-32590-23). This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary. Sample data should be considered biased high. It was noted; the sample contained multiple target and non-target peaks which may have interfered with recoveries.

Job ID: 280-32590-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

The following samples contained more than one PCB component as well as several interfering peaks: PC-23-0.25 (280-32590-1), PC-24-0.25 (280-32590-2), PC-25-0.25 (280-32590-3), PC-26-0.25 (280-32590-4), PC-27-0.25 (280-32590-5), PC-28-0.25 (280-32590-6), PC-29-0.25 (280-32590-7), PC-30-0.25 (280-32590-8), PC-31-0.25 (280-32590-9), PC-32-0.25 (280-32590-10), PC-33-0.25 (280-32590-11), PC-34-0.25 (280-32590-12), PC-35-0.25 (280-32590-13), PC-36-0.25 (280-32590-14), PC-37-0.25 (280-32590-15), PC-38-0.25 (280-32590-16), PC-39-0.25 (280-32590-17), PC-40-0.25 (280-32590-18), PC-41-0.25 (280-32590-19), PC-42-0.25 (280-32590-20), PC-43-0.25 (280-32590-21), PC-44-0.25 (280-32590-22), PC-45-0.25 (280-32590-23), PC-46-0.25 (280-32590-24), PC-47-0.25 (280-32590-25), PC-48-0.25 (280-32590-26), PC-49-0.25 (280-32590-27), PC-50-0.25 (280-32590-28), PC-51-0.25 (280-32590-29), PC-52-0.25 (280-32590-30), PC-53-0.25 (280-32590-31), PC-54-0.25 (280-32590-32), PC-55-0.25 (280-32590-33), PC-56-0.25 (280-32590-34), PC-57-0.25 (280-32590-37), PC-58-0.25 (280-32590-38), PC-59-0.25 (280-32590-39), PC-60-0.25 (280-32590-40), PC-61-0.25 (280-32590-41) and PC-62-0.25 (280-32590-42). Results are estimated due to shared and interfering peaks.

The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: (280-32590-1 MS), (280-32590-1 MSD), (280-32590-21 MS), (280-32590-21 MSD), (LCS 280-134606/2-A), (LCS 280-134638/2-A), (MB 280-134606/1-A), (MB 280-134638/1-A), PC-23-0.25 (280-32590-1), PC-24-0.25 (280-32590-2), PC-25-0.25 (280-32590-3), PC-26-0.25 (280-32590-4), PC-27-0.25 (280-32590-5), PC-28-0.25 (280-32590-6), PC-29-0.25 (280-32590-7), PC-30-0.25 (280-32590-8), PC-31-0.25 (280-32590-9), PC-32-0.25 (280-32590-10), PC-33-0.25 (280-32590-11), PC-34-0.25 (280-32590-12), PC-35-0.25 (280-32590-13), PC-36-0.25 (280-32590-14), PC-37-0.25 (280-32590-15), PC-38-0.25 (280-32590-16), PC-39-0.25 (280-32590-17), PC-40-0.25 (280-32590-18), PC-41-0.25 (280-32590-19), PC-42-0.25 (280-32590-20), PC-43-0.25 (280-32590-21), PC-44-0.25 (280-32590-22), PC-45-0.25 (280-32590-23), PC-46-0.25 (280-32590-24), PC-47-0.25 (280-32590-25), PC-48-0.25 (280-32590-26), PC-49-0.25 (280-32590-27), PC-50-0.25 (280-32590-28), PC-51-0.25 (280-32590-29), PC-52-0.25 (280-32590-30), PC-53-0.25 (280-32590-31), PC-54-0.25 (280-32590-32), PC-55-0.25 (280-32590-33), PC-56-0.25 (280-32590-34), PC-57-0.25 (280-32590-37), PC-58-0.25 (280-32590-38), PC-59-0.25 (280-32590-39), PC-60-0.25 (280-32590-40), PC-61-0.25 (280-32590-41), PC-62-0.25 (280-32590-42), (LCS 280-135352/2-A), (LCSD 280-135352/3-A), (MB 280-135352/1-A), PW-1 (280-32590-35), PW-2 (280-32590-36), (280-32590-46 MS), (280-32590-46 MSD), (LCS 280-134666/2-A), (MB 280-134666/1-A), PC-63-0.25 (280-32590-43), PC-64-0.25 (280-32590-44), PC-65-0.25 (280-32590-45) and PC-66-0.25 (280-32590-46).

The following sample contained PCBs at a concentration greater than 50ppm: PC-25-0.25 (280-32590-3).

In order to preserve the integrity of the sample instrumentation and decrease the risk of contamination, the following samples were diluted due to the nature of the sample matrix. It was noted; the extracts were opaque black and remained light yellow after multiple acid clean-ups: (280-32590-46 MS), (280-32590-46 MSD), PC-63-0.25 (280-32590-43), PC-64-0.25 (280-32590-44), PC-65-0.25 (280-32590-45), and PC-66-0.25 (280-32590-46). As such, the surrogate recovery could not be calculated because the extract was diluted beyond the ability to quantitate a recovery. Elevated reporting limits (RLs) are provided.

The following sample was diluted due to the abundance of target analytes: PC-63-0.25 (280-32590-43). As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

The following samples contained more than one PCB component: PC-63-0.25 (280-32590-43) and PC-64-0.25 (280-32590-44). Results are estimated due to shared peaks.

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-137273 were performed on PC-43-0.25 (280-32590-21) and exhibited recoveries outside control limits for PCB 1260. The MS/MSD exhibited surrogate recoveries outside control limits for DCB Decachlorobiphenyl. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-137622 were performed on PC-66-0.25 (280-32590-46) and exhibited recoveries outside control limits for PCB 1260. Also, MS/MSD recoveries and RPD values could not be calculated for PCB-1016. The MS/MSD exhibited surrogate recoveries outside control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-137273 were performed on PC-23-0.25 (280-32590-1) and the MSD exhibited recoveries outside control limits for PCB 1260. Also, MS/MSD recoveries and RPD values could not be calculated for PCB-1016. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount. The acceptable LCS analysis data indicated that the analytical system was operating

Job ID: 280-32590-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

within control; therefore, corrective action is deemed unnecessary.

Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 280-135352 method 8082A. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other difficulties were encountered.

GENERAL CHEMISTRY

No difficulties were encountered.

Definitions/Glossary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-23-0.25 — Lab Sample ID: 280-32590-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	170	J	780	130	ug/Kg	25	☼	8082A	Total/NA
PCB-1260	1300		780	63	ug/Kg	25	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1500		780	63	ug/Kg	25	☼	8082A	Total/NA

Client Sample ID: PC-24-0.25 — Lab Sample ID: 280-32590-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6.2	J	32	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	6.2	J	32	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-25-0.25 — Lab Sample ID: 280-32590-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	5200	J	17000	2800	ug/Kg	500	☼	8082A	Total/NA
PCB-1260	67000		17000	1300	ug/Kg	500	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	72000		17000	1300	ug/Kg	500	☼	8082A	Total/NA

Client Sample ID: PC-26-0.25 — Lab Sample ID: 280-32590-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	2800	J	6400	1100	ug/Kg	200	☼	8082A	Total/NA
PCB-1260	17000		6400	510	ug/Kg	200	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	20000		6400	510	ug/Kg	200	☼	8082A	Total/NA

Client Sample ID: PC-27-0.25 — Lab Sample ID: 280-32590-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	1100	J	3300	550	ug/Kg	100	☼	8082A	Total/NA
PCB-1260	11000		3300	260	ug/Kg	100	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	12000		3300	260	ug/Kg	100	☼	8082A	Total/NA

Client Sample ID: PC-28-0.25 — Lab Sample ID: 280-32590-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5.0	J	32	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	5.0	J	32	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-29-0.25 — Lab Sample ID: 280-32590-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	160	J	320	54	ug/Kg	10	☼	8082A	Total/NA
PCB-1260	680		320	26	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	840		320	26	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-30-0.25 — Lab Sample ID: 280-32590-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	98	J	320	54	ug/Kg	10	☼	8082A	Total/NA
PCB-1260	1100		320	26	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1200		320	26	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-31-0.25 — Lab Sample ID: 280-32590-9

Client Sample ID: PC-31-0.25 (Continued) — Lab Sample ID: 280-32590-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	79	J	150	26	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	510		150	12	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	590		150	12	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-32-0.25 — Lab Sample ID: 280-32590-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	290	J	620	100	ug/Kg	20	☼	8082A	Total/NA
PCB-1260	1700		620	49	ug/Kg	20	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1900		620	49	ug/Kg	20	☼	8082A	Total/NA

Client Sample ID: PC-33-0.25 — Lab Sample ID: 280-32590-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	220	J	310	51	ug/Kg	10	☼	8082A	Total/NA
PCB-1260	1800		310	25	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	2000		310	25	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-34-0.25 — Lab Sample ID: 280-32590-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	57	J	61	10	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	440		61	4.9	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	500		61	4.9	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-35-0.25 — Lab Sample ID: 280-32590-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	11	J	33	5.5	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	36		33	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	47		33	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-36-0.25 — Lab Sample ID: 280-32590-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	51		31	5.2	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	190		31	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	240		31	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-37-0.25 — Lab Sample ID: 280-32590-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2.7	J	33	2.7	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	2.7	J	33	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-38-0.25 — Lab Sample ID: 280-32590-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	130	J	150	26	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	630		150	12	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	760		150	12	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-39-0.25 — Lab Sample ID: 280-32590-17

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-39-0.25 (Continued) — Lab Sample ID: 280-32590-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	19	J	66	11	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	140		66	5.3	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	160		66	5.3	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-40-0.25 — Lab Sample ID: 280-32590-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	340		320	53	ug/Kg	10	☼	8082A	Total/NA
PCB-1260	1300		320	26	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1700		320	26	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-41-0.25 — Lab Sample ID: 280-32590-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	13	J	31	5.2	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	100		31	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	120		31	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-42-0.25 — Lab Sample ID: 280-32590-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	140	J	160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	590		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	730		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-43-0.25 — Lab Sample ID: 280-32590-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	22	J	33	5.5	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	140		33	2.7	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	170		33	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-44-0.25 — Lab Sample ID: 280-32590-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	290	J	330	55	ug/Kg	10	☼	8082A	Total/NA
PCB-1260	1200		330	26	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1500		330	26	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-45-0.25 — Lab Sample ID: 280-32590-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	75		66	11	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	260		66	5.3	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	340		66	5.3	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-46-0.25 — Lab Sample ID: 280-32590-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	75	J	150	26	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	390		150	12	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	470		150	12	ug/Kg	5	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-47-0.25 — Lab Sample ID: 280-32590-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	44	J	160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	300		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	350		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-48-0.25 — Lab Sample ID: 280-32590-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	240	J	320	54	ug/Kg	10	☼	8082A	Total/NA
PCB-1260	890		320	26	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1100		320	26	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-49-0.25 — Lab Sample ID: 280-32590-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	30	J	62	10	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	170		62	5.0	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	200		62	5.0	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-50-0.25 — Lab Sample ID: 280-32590-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	110	J	160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	390		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	500		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-51-0.25 — Lab Sample ID: 280-32590-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	20	J	64	11	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	150		64	5.2	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	170		64	5.2	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-52-0.25 — Lab Sample ID: 280-32590-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	210		160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	810		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1000		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-53-0.25 — Lab Sample ID: 280-32590-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	79		64	11	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	270		64	5.1	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	340		64	5.1	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-54-0.25 — Lab Sample ID: 280-32590-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	22	J	31	5.2	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	30	J	31	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	52		31	2.5	ug/Kg	1	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-55-0.25 — Lab Sample ID: 280-32590-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	47		32	5.4	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	69		32	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	120		32	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-56-0.25 — Lab Sample ID: 280-32590-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	61		32	5.4	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	23	J	32	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	84		32	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PW-1 — Lab Sample ID: 280-32590-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.29	J	1.0	0.080	ug/Wipe	1		8082A	Total/NA
Polychlorinated biphenyls, Total	0.29	J	1.0	0.080	ug/Wipe	1		8082A	Total/NA

Client Sample ID: PW-2 — Lab Sample ID: 280-32590-36

No Detections

Client Sample ID: PC-57-0.25 — Lab Sample ID: 280-32590-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	29	J	32	5.3	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	66		32	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	95		32	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-58-0.25 — Lab Sample ID: 280-32590-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	15	J	32	5.3	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	30	J	32	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	46		32	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-59-0.25 — Lab Sample ID: 280-32590-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	9.5	J	32	5.3	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	12	J	32	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	21	J	32	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-60-0.25 — Lab Sample ID: 280-32590-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	15	J	32	5.4	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	7.1	J	32	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	22	J	32	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-61-0.25 — Lab Sample ID: 280-32590-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	11	J	31	5.2	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	2.8	J	31	2.5	ug/Kg	1	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-61-0.25 (Continued) — Lab Sample ID: 280-32590-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Polychlorinated biphenyls, Total	14	J	31	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-62-0.25 — Lab Sample ID: 280-32590-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	79		33	5.4	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	94		33	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	170		33	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-63-0.25 — Lab Sample ID: 280-32590-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	150		130	22	ug/Kg	4	☼	8082A	Total/NA
PCB-1260	180		130	10	ug/Kg	4	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	330		130	10	ug/Kg	4	☼	8082A	Total/NA

Client Sample ID: PC-64-0.25 — Lab Sample ID: 280-32590-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	69		32	5.3	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	72		32	2.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	140		32	2.5	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-65-0.25 — Lab Sample ID: 280-32590-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	450	J	620	100	ug/Kg	20	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	450	J	620	50	ug/Kg	20	☼	8082A	Total/NA

Client Sample ID: PC-66-0.25 — Lab Sample ID: 280-32590-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	280	J	640	110	ug/Kg	20	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	280	J	640	51	ug/Kg	20	☼	8082A	Total/NA

Method Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL DEN
Moisture	Percent Moisture	EPA	TAL DEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-32590-1	PC-23-0.25	Solid	08/21/12 08:40	08/25/12 09:30
280-32590-2	PC-24-0.25	Solid	08/21/12 08:50	08/25/12 09:30
280-32590-3	PC-25-0.25	Solid	08/21/12 08:50	08/25/12 09:30
280-32590-4	PC-26-0.25	Solid	08/21/12 08:50	08/25/12 09:30
280-32590-5	PC-27-0.25	Solid	08/21/12 12:30	08/25/12 09:30
280-32590-6	PC-28-0.25	Solid	08/21/12 13:30	08/25/12 09:30
280-32590-7	PC-29-0.25	Solid	08/21/12 11:30	08/25/12 09:30
280-32590-8	PC-30-0.25	Solid	08/21/12 11:25	08/25/12 09:30
280-32590-9	PC-31-0.25	Solid	08/21/12 13:05	08/25/12 09:30
280-32590-10	PC-32-0.25	Solid	08/21/12 13:55	08/25/12 09:30
280-32590-11	PC-33-0.25	Solid	08/21/12 16:00	08/25/12 09:30
280-32590-12	PC-34-0.25	Solid	08/21/12 15:00	08/25/12 09:30
280-32590-13	PC-35-0.25	Solid	08/21/12 15:05	08/25/12 09:30
280-32590-14	PC-36-0.25	Solid	08/21/12 16:05	08/25/12 09:30
280-32590-15	PC-37-0.25	Solid	08/21/12 14:20	08/25/12 09:30
280-32590-16	PC-38-0.25	Solid	08/21/12 17:00	08/25/12 09:30
280-32590-17	PC-39-0.25	Solid	08/21/12 16:30	08/25/12 09:30
280-32590-18	PC-40-0.25	Solid	08/22/12 07:15	08/25/12 09:30
280-32590-19	PC-41-0.25	Solid	08/22/12 07:35	08/25/12 09:30
280-32590-20	PC-42-0.25	Solid	08/22/12 08:30	08/25/12 09:30
280-32590-21	PC-43-0.25	Solid	08/22/12 08:00	08/25/12 09:30
280-32590-22	PC-44-0.25	Solid	08/22/12 09:40	08/25/12 09:30
280-32590-23	PC-45-0.25	Solid	08/22/12 09:40	08/25/12 09:30
280-32590-24	PC-46-0.25	Solid	08/22/12 11:00	08/25/12 09:30
280-32590-25	PC-47-0.25	Solid	08/22/12 09:55	08/25/12 09:30
280-32590-26	PC-48-0.25	Solid	08/22/12 12:05	08/25/12 09:30
280-32590-27	PC-49-0.25	Solid	08/22/12 11:30	08/25/12 09:30
280-32590-28	PC-50-0.25	Solid	08/22/12 13:45	08/25/12 09:30
280-32590-29	PC-51-0.25	Solid	08/22/12 14:00	08/25/12 09:30
280-32590-30	PC-52-0.25	Solid	08/22/12 15:00	08/25/12 09:30
280-32590-31	PC-53-0.25	Solid	08/22/12 14:55	08/25/12 09:30
280-32590-32	PC-54-0.25	Solid	08/22/12 15:40	08/25/12 09:30
280-32590-33	PC-55-0.25	Solid	08/22/12 16:20	08/25/12 09:30
280-32590-34	PC-56-0.25	Solid	08/22/12 16:15	08/25/12 09:30
280-32590-35	PW-1	Wipe	08/22/12 17:15	08/25/12 09:30
280-32590-36	PW-2	Wipe	08/22/12 17:30	08/25/12 09:30
280-32590-37	PC-57-0.25	Solid	08/23/12 11:40	08/25/12 09:30
280-32590-38	PC-58-0.25	Solid	08/23/12 10:45	08/25/12 09:30
280-32590-39	PC-59-0.25	Solid	08/23/12 09:45	08/25/12 09:30
280-32590-40	PC-60-0.25	Solid	08/23/12 12:20	08/25/12 09:30
280-32590-41	PC-61-0.25	Solid	08/23/12 09:00	08/25/12 09:30
280-32590-42	PC-62-0.25	Solid	08/23/12 11:15	08/25/12 09:30
280-32590-43	PC-63-0.25	Solid	08/23/12 08:10	08/25/12 09:30
280-32590-44	PC-64-0.25	Solid	08/23/12 07:15	08/25/12 09:30
280-32590-45	PC-65-0.25	Solid	08/23/12 07:10	08/25/12 09:30
280-32590-46	PC-66-0.25	Solid	08/23/12 07:30	08/25/12 09:30

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-23-0.25 — **Lab Sample ID: 280-32590-1**
Date Collected: 08/21/12 08:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1100	370	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1016	ND		780	120	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1232	ND		780	120	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1242	ND		780	220	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1248	ND		780	130	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1254	**170**	**J**	780	130	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1260	**1300**		780	63	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1262	ND		780	270	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
PCB-1268	ND		780	93	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25
Polychlorinated biphenyls, Total	**1500**		780	63	ug/Kg	☼	08/28/12 20:40	09/13/12 16:17	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 16:17*	*25*
DCB Decachlorobiphenyl	*67*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 16:17*	*25*

Client Sample ID: PC-24-0.25 — **Lab Sample ID: 280-32590-2**
Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1016	ND		32	4.9	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1232	ND		32	4.9	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1242	ND		32	8.7	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1248	ND		32	5.4	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1254	ND		32	5.3	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1260	**6.2**	**J**	32	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
PCB-1268	ND		32	3.8	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1
Polychlorinated biphenyls, Total	**6.2**	**J**	32	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*53 - 128*	*08/28/12 20:40*	*09/13/12 03:57*	*1*
DCB Decachlorobiphenyl	*55*	*X*	*59 - 130*	*08/28/12 20:40*	*09/13/12 03:57*	*1*

Client Sample ID: PC-25-0.25 — **Lab Sample ID: 280-32590-3**
Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		24000	7800	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1016	ND		17000	2500	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1232	ND		17000	2600	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1242	ND		17000	4600	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1248	ND		17000	2800	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1254	**5200**	**J**	17000	2800	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1260	**67000**		17000	1300	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1262	ND		17000	5800	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
PCB-1268	ND		17000	2000	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500
Polychlorinated biphenyls, Total	**72000**		17000	1300	ug/Kg	☼	08/28/12 20:40	09/13/12 18:13	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*195*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 18:13*	*500*
DCB Decachlorobiphenyl	*0*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 18:13*	*500*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-26-0.25 — **Lab Sample ID: 280-32590-4**
Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		9100	3000	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1016	ND		6400	980	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1232	ND		6400	990	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1242	ND		6400	1800	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1248	ND		6400	1100	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1254	**2800**	**J**	6400	1100	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1260	**17000**		6400	510	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1262	ND		6400	2200	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
PCB-1268	ND		6400	760	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200
Polychlorinated biphenyls, Total	**20000**		6400	510	ug/Kg	☼	08/28/12 20:40	09/13/12 18:36	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*123*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 18:36*	*200*
DCB Decachlorobiphenyl	*119*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 18:36*	*200*

Client Sample ID: PC-27-0.25 — **Lab Sample ID: 280-32590-5**
Date Collected: 08/21/12 12:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		4700	1500	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1016	ND		3300	510	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1232	ND		3300	510	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1242	ND		3300	910	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1248	ND		3300	560	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1254	**1100**	**J**	3300	550	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1260	**11000**		3300	260	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1262	ND		3300	1200	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
PCB-1268	ND		3300	390	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100
Polychlorinated biphenyls, Total	**12000**		3300	260	ug/Kg	☼	08/28/12 20:40	09/13/12 18:59	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 18:59*	*100*
DCB Decachlorobiphenyl	*0.5*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 18:59*	*100*

Client Sample ID: PC-28-0.25 — **Lab Sample ID: 280-32590-6**
Date Collected: 08/21/12 13:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1016	ND		32	4.9	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1232	ND		32	4.9	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1242	ND		32	8.8	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1248	ND		32	5.4	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1254	ND		32	5.3	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1260	**5.0**	**J**	32	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
PCB-1268	ND		32	3.8	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1
Polychlorinated biphenyls, Total	**5.0**	**J**	32	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*53 - 128*	*08/28/12 20:40*	*09/13/12 05:52*	*1*
DCB Decachlorobiphenyl	*65*		*59 - 130*	*08/28/12 20:40*	*09/13/12 05:52*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-29-0.25 — **Lab Sample ID: 280-32590-7**
Date Collected: 08/21/12 11:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		460	150	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1016	ND		320	50	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1232	ND		320	50	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1242	ND		320	89	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1248	ND		320	55	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1254	**160**	**J**	320	54	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1260	**680**		320	26	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1262	ND		320	110	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
PCB-1268	ND		320	39	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10
Polychlorinated biphenyls, Total	**840**		320	26	ug/Kg	☼	08/28/12 20:40	09/13/12 19:22	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 19:22*	*10*
DCB Decachlorobiphenyl	*143*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 19:22*	*10*

Client Sample ID: PC-30-0.25 — **Lab Sample ID: 280-32590-8**
Date Collected: 08/21/12 11:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		460	150	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1016	ND		320	50	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1232	ND		320	50	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1242	ND		320	89	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1248	ND		320	55	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1254	**98**	**J**	320	54	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1260	**1100**		320	26	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1262	ND		320	110	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
PCB-1268	ND		320	39	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10
Polychlorinated biphenyls, Total	**1200**		320	26	ug/Kg	☼	08/28/12 20:40	09/13/12 06:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 06:38*	*10*
DCB Decachlorobiphenyl	*139*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 06:38*	*10*

Client Sample ID: PC-31-0.25 — **Lab Sample ID: 280-32590-9**
Date Collected: 08/21/12 13:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		220	73	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1016	ND		150	24	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1232	ND		150	24	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1242	ND		150	43	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1248	ND		150	26	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1254	**79**	**J**	150	26	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1260	**510**		150	12	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1262	ND		150	54	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
PCB-1268	ND		150	18	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5
Polychlorinated biphenyls, Total	**590**		150	12	ug/Kg	☼	08/28/12 20:40	09/13/12 19:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 19:45*	*5*
DCB Decachlorobiphenyl	*63*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 19:45*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-32-0.25 — **Lab Sample ID: 280-32590-10**
Date Collected: 08/21/12 13:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		880	290	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1016	ND		620	95	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1232	ND		620	96	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1242	ND		620	170	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1248	ND		620	100	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1254	**290**	**J**	620	100	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1260	**1700**		620	49	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1262	ND		620	220	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
PCB-1268	ND		620	74	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20
Polychlorinated biphenyls, Total	**1900**		620	49	ug/Kg	☼	08/28/12 20:40	09/13/12 20:08	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 20:08*	*20*
DCB Decachlorobiphenyl	*81*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 20:08*	*20*

Client Sample ID: PC-33-0.25 — **Lab Sample ID: 280-32590-11**
Date Collected: 08/21/12 16:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		440	140	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1016	ND		310	47	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1232	ND		310	47	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1242	ND		310	84	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1248	ND		310	52	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1254	**220**	**J**	310	51	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1260	**1800**		310	25	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1262	ND		310	110	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
PCB-1268	ND		310	37	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10
Polychlorinated biphenyls, Total	**2000**		310	25	ug/Kg	☼	08/28/12 20:40	09/13/12 07:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 07:47*	*10*
DCB Decachlorobiphenyl	*80*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 07:47*	*10*

Client Sample ID: PC-34-0.25 — **Lab Sample ID: 280-32590-12**
Date Collected: 08/21/12 15:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		87	29	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1016	ND		61	9.4	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1232	ND		61	9.4	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1242	ND		61	17	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1248	ND		61	10	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1254	**57**	**J**	61	10	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1260	**440**		61	4.9	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1262	ND		61	21	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
PCB-1268	ND		61	7.3	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2
Polychlorinated biphenyls, Total	**500**		61	4.9	ug/Kg	☼	08/28/12 20:40	09/13/12 08:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*53 - 128*	*08/28/12 20:40*	*09/13/12 08:10*	*2*
DCB Decachlorobiphenyl	*57*	*X*	*59 - 130*	*08/28/12 20:40*	*09/13/12 08:10*	*2*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-35-0.25 — **Lab Sample ID: 280-32590-13**
Date Collected: 08/21/12 15:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	15	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1016	ND		33	5.1	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1232	ND		33	5.1	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1242	ND		33	9.1	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1248	ND		33	5.6	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1254	**11**	**J**	33	5.5	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1260	**36**		33	2.6	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1262	ND		33	12	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
PCB-1268	ND		33	3.9	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1
Polychlorinated biphenyls, Total	**47**		33	2.6	ug/Kg	☼	08/28/12 20:40	09/13/12 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*53 - 128*	*08/28/12 20:40*	*09/13/12 08:56*	*1*
DCB Decachlorobiphenyl	*46*	*X*	*59 - 130*	*08/28/12 20:40*	*09/13/12 08:56*	*1*

Client Sample ID: PC-36-0.25 — **Lab Sample ID: 280-32590-14**
Date Collected: 08/21/12 16:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1016	ND		31	4.8	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1232	ND		31	4.9	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1242	ND		31	8.7	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1248	ND		31	5.3	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1254	**51**		31	5.2	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1260	**190**		31	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1262	ND		31	11	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
PCB-1268	ND		31	3.8	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1
Polychlorinated biphenyls, Total	**240**		31	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*53 - 128*	*08/28/12 20:40*	*09/13/12 09:20*	*1*
DCB Decachlorobiphenyl	*39*	*X*	*59 - 130*	*08/28/12 20:40*	*09/13/12 09:20*	*1*

Client Sample ID: PC-37-0.25 — **Lab Sample ID: 280-32590-15**
Date Collected: 08/21/12 14:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1016	ND		33	5.1	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1232	ND		33	5.2	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1242	ND		33	9.2	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1248	ND		33	5.7	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1254	ND		33	5.6	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1260	**2.7**	**J**	33	2.7	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1262	ND		33	12	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
PCB-1268	ND		33	4.0	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1
Polychlorinated biphenyls, Total	**2.7**	**J**	33	2.7	ug/Kg	☼	08/28/12 20:40	09/13/12 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*53 - 128*	*08/28/12 20:40*	*09/13/12 09:43*	*1*
DCB Decachlorobiphenyl	*45*	*X*	*59 - 130*	*08/28/12 20:40*	*09/13/12 09:43*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-38-0.25 — **Lab Sample ID: 280-32590-16**
Date Collected: 08/21/12 17:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		220	72	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1016	ND		150	24	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1232	ND		150	24	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1242	ND		150	42	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1248	ND		150	26	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1254	**130**	**J**	150	26	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1260	**630**		150	12	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1262	ND		150	54	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
PCB-1268	ND		150	18	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5
Polychlorinated biphenyls, Total	**760**		150	12	ug/Kg	☼	08/28/12 20:40	09/13/12 10:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 10:06*	*5*
DCB Decachlorobiphenyl	*38*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 10:06*	*5*

Client Sample ID: PC-39-0.25 — **Lab Sample ID: 280-32590-17**
Date Collected: 08/21/12 16:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		94	31	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1016	ND		66	10	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1232	ND		66	10	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1242	ND		66	18	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1248	ND		66	11	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1254	**19**	**J**	66	11	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1260	**140**		66	5.3	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1262	ND		66	23	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
PCB-1268	ND		66	7.9	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2
Polychlorinated biphenyls, Total	**160**		66	5.3	ug/Kg	☼	08/28/12 20:40	09/13/12 10:30	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*53 - 128*	*08/28/12 20:40*	*09/13/12 10:30*	*2*
DCB Decachlorobiphenyl	*54*	*X*	*59 - 130*	*08/28/12 20:40*	*09/13/12 10:30*	*2*

Client Sample ID: PC-40-0.25 — **Lab Sample ID: 280-32590-18**
Date Collected: 08/22/12 07:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		450	150	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1016	ND		320	49	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1232	ND		320	49	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1242	ND		320	88	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1248	ND		320	54	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1254	**340**		320	53	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1260	**1300**		320	26	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1262	ND		320	110	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
PCB-1268	ND		320	38	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10
Polychlorinated biphenyls, Total	**1700**		320	26	ug/Kg	☼	08/28/12 20:40	09/13/12 10:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 10:53*	*10*
DCB Decachlorobiphenyl	*47*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 10:53*	*10*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-41-0.25 — **Lab Sample ID: 280-32590-19**
Date Collected: 08/22/12 07:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		44	15	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1016	ND		31	4.8	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1232	ND		31	4.8	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1242	ND		31	8.5	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1248	ND		31	5.3	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1254	**13**	**J**	31	5.2	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1260	**100**		31	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1262	ND		31	11	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
PCB-1268	ND		31	3.7	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1
Polychlorinated biphenyls, Total	**120**		31	2.5	ug/Kg	☼	08/28/12 20:40	09/13/12 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*53 - 128*	*08/28/12 20:40*	*09/13/12 11:16*	*1*
DCB Decachlorobiphenyl	*48*	*X*	*59 - 130*	*08/28/12 20:40*	*09/13/12 11:16*	*1*

Client Sample ID: PC-42-0.25 — **Lab Sample ID: 280-32590-20**
Date Collected: 08/22/12 08:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	76	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1016	ND		160	25	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1232	ND		160	25	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1242	ND		160	44	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1248	ND		160	27	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1254	**140**	**J**	160	27	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1260	**590**		160	13	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1262	ND		160	56	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
PCB-1268	ND		160	19	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5
Polychlorinated biphenyls, Total	**730**		160	13	ug/Kg	☼	08/28/12 20:40	09/13/12 20:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*	*D*	*53 - 128*	*08/28/12 20:40*	*09/13/12 20:31*	*5*
DCB Decachlorobiphenyl	*45*	*D*	*59 - 130*	*08/28/12 20:40*	*09/13/12 20:31*	*5*

Client Sample ID: PC-43-0.25 — **Lab Sample ID: 280-32590-21**
Date Collected: 08/22/12 08:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1016	ND		33	5.1	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1232	ND		33	5.1	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1242	ND		33	9.1	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1248	ND		33	5.6	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1254	**22**	**J**	33	5.5	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1260	**140**		33	2.7	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1262	ND		33	12	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
PCB-1268	ND		33	4.0	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1
Polychlorinated biphenyls, Total	**170**		33	2.7	ug/Kg	☼	08/28/12 21:30	09/13/12 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*53 - 128*	*08/28/12 21:30*	*09/13/12 12:02*	*1*
DCB Decachlorobiphenyl	*70*		*59 - 130*	*08/28/12 21:30*	*09/13/12 12:02*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-44-0.25 — **Lab Sample ID: 280-32590-22**
Date Collected: 08/22/12 09:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		470	150	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1016	ND		330	50	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1232	ND		330	51	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1242	ND		330	90	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1248	ND		330	56	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1254	**290**	**J**	330	55	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1260	**1200**		330	26	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1262	ND		330	110	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
PCB-1268	ND		330	39	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10
Polychlorinated biphenyls, Total	**1500**		330	26	ug/Kg	☼	08/28/12 21:30	09/13/12 13:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*712*	*D*	*53 - 128*	*08/28/12 21:30*	*09/13/12 13:35*	*10*
DCB Decachlorobiphenyl	*453*	*D*	*59 - 130*	*08/28/12 21:30*	*09/13/12 13:35*	*10*

Client Sample ID: PC-45-0.25 — **Lab Sample ID: 280-32590-23**
Date Collected: 08/22/12 09:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		94	31	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1016	ND		66	10	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1232	ND		66	10	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1242	ND		66	18	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1248	ND		66	11	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1254	**75**		66	11	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1260	**260**		66	5.3	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1262	ND		66	23	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
PCB-1268	ND		66	7.9	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2
Polychlorinated biphenyls, Total	**340**		66	5.3	ug/Kg	☼	08/28/12 21:30	09/13/12 13:58	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*141*	*X*	*53 - 128*	*08/28/12 21:30*	*09/13/12 13:58*	*2*
DCB Decachlorobiphenyl	*118*		*59 - 130*	*08/28/12 21:30*	*09/13/12 13:58*	*2*

Client Sample ID: PC-46-0.25 — **Lab Sample ID: 280-32590-24**
Date Collected: 08/22/12 11:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		220	72	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1016	ND		150	24	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1232	ND		150	24	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1242	ND		150	42	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1248	ND		150	26	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1254	**75**	**J**	150	26	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1260	**390**		150	12	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1262	ND		150	54	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
PCB-1268	ND		150	18	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5
Polychlorinated biphenyls, Total	**470**		150	12	ug/Kg	☼	08/28/12 21:30	09/13/12 14:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*353*	*D*	*53 - 128*	*08/28/12 21:30*	*09/13/12 14:21*	*5*
DCB Decachlorobiphenyl	*190*	*D*	*59 - 130*	*08/28/12 21:30*	*09/13/12 14:21*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-47-0.25 — **Lab Sample ID: 280-32590-25**
Date Collected: 08/22/12 09:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	77	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1016	ND		160	25	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1232	ND		160	25	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1242	ND		160	45	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1248	ND		160	28	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1254	**44**	**J**	160	27	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1260	**300**		160	13	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1262	ND		160	57	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
PCB-1268	ND		160	19	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5
Polychlorinated biphenyls, Total	**350**		160	13	ug/Kg	☼	08/28/12 21:30	09/13/12 14:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*357*	*D*	*53 - 128*	*08/28/12 21:30*	*09/13/12 14:44*	*5*
DCB Decachlorobiphenyl	*222*	*D*	*59 - 130*	*08/28/12 21:30*	*09/13/12 14:44*	*5*

Client Sample ID: PC-48-0.25 — **Lab Sample ID: 280-32590-26**
Date Collected: 08/22/12 12:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		460	150	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1016	ND		320	50	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1232	ND		320	50	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1242	ND		320	89	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1248	ND		320	55	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1254	**240**	**J**	320	54	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1260	**890**		320	26	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1262	ND		320	110	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
PCB-1268	ND		320	39	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10
Polychlorinated biphenyls, Total	**1100**		320	26	ug/Kg	☼	08/28/12 21:30	09/13/12 15:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*697*	*D*	*53 - 128*	*08/28/12 21:30*	*09/13/12 15:08*	*10*
DCB Decachlorobiphenyl	*400*	*D*	*59 - 130*	*08/28/12 21:30*	*09/13/12 15:08*	*10*

Client Sample ID: PC-49-0.25 — **Lab Sample ID: 280-32590-27**
Date Collected: 08/22/12 11:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		88	29	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1016	ND		62	9.5	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1232	ND		62	9.6	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1242	ND		62	17	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1248	ND		62	10	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1254	**30**	**J**	62	10	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1260	**170**		62	5.0	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1262	ND		62	22	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
PCB-1268	ND		62	7.4	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2
Polychlorinated biphenyls, Total	**200**		62	5.0	ug/Kg	☼	08/28/12 21:30	09/12/12 20:16	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*53 - 128*	*08/28/12 21:30*	*09/12/12 20:16*	*2*
DCB Decachlorobiphenyl	*50*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 20:16*	*2*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-50-0.25 — **Lab Sample ID: 280-32590-28**
Date Collected: 08/22/12 13:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	77	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1016	ND		160	25	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1232	ND		160	25	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1242	ND		160	45	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1248	ND		160	28	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1254	**110**	**J**	160	27	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1260	**390**		160	13	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1262	ND		160	57	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
PCB-1268	ND		160	19	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5
Polychlorinated biphenyls, Total	**500**		160	13	ug/Kg	☼	08/28/12 21:30	09/12/12 20:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*	*D*	*53 - 128*	*08/28/12 21:30*	*09/12/12 20:39*	*5*
DCB Decachlorobiphenyl	*41*	*D*	*59 - 130*	*08/28/12 21:30*	*09/12/12 20:39*	*5*

Client Sample ID: PC-51-0.25 — **Lab Sample ID: 280-32590-29**
Date Collected: 08/22/12 14:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		92	30	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1016	ND		64	9.9	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1232	ND		64	10	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1242	ND		64	18	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1248	ND		64	11	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1254	**20**	**J**	64	11	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1260	**150**		64	5.2	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1262	ND		64	23	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
PCB-1268	ND		64	7.7	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2
Polychlorinated biphenyls, Total	**170**		64	5.2	ug/Kg	☼	08/28/12 21:30	09/12/12 21:02	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*53 - 128*	*08/28/12 21:30*	*09/12/12 21:02*	*2*
DCB Decachlorobiphenyl	*49*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 21:02*	*2*

Client Sample ID: PC-52-0.25 — **Lab Sample ID: 280-32590-30**
Date Collected: 08/22/12 15:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	77	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1016	ND		160	25	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1232	ND		160	25	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1242	ND		160	45	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1248	ND		160	28	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1254	**210**		160	27	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1260	**810**		160	13	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1262	ND		160	57	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
PCB-1268	ND		160	19	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5
Polychlorinated biphenyls, Total	**1000**		160	13	ug/Kg	☼	08/28/12 21:30	09/12/12 21:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*	*D*	*53 - 128*	*08/28/12 21:30*	*09/12/12 21:25*	*5*
DCB Decachlorobiphenyl	*43*	*D*	*59 - 130*	*08/28/12 21:30*	*09/12/12 21:25*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-53-0.25 — **Lab Sample ID: 280-32590-31**
Date Collected: 08/22/12 14:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		91	30	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1016	ND		64	9.8	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1232	ND		64	9.9	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1242	ND		64	18	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1248	ND		64	11	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1254	**79**		64	11	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1260	**270**		64	5.1	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1262	ND		64	22	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
PCB-1268	ND		64	7.6	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2
Polychlorinated biphenyls, Total	**340**		64	5.1	ug/Kg	☼	08/28/12 21:30	09/12/12 21:48	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*53 - 128*	*08/28/12 21:30*	*09/12/12 21:48*	*2*
DCB Decachlorobiphenyl	*37*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 21:48*	*2*

Client Sample ID: PC-54-0.25 — **Lab Sample ID: 280-32590-32**
Date Collected: 08/22/12 15:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 100.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		44	15	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1016	ND		31	4.8	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1232	ND		31	4.8	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1242	ND		31	8.6	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1248	ND		31	5.3	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1254	**22**	**J**	31	5.2	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1260	**30**	**J**	31	2.5	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1262	ND		31	11	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
PCB-1268	ND		31	3.7	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1
Polychlorinated biphenyls, Total	**52**		31	2.5	ug/Kg	☼	08/28/12 21:30	09/12/12 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*53 - 128*	*08/28/12 21:30*	*09/12/12 22:11*	*1*
DCB Decachlorobiphenyl	*41*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 22:11*	*1*

Client Sample ID: PC-55-0.25 — **Lab Sample ID: 280-32590-33**
Date Collected: 08/22/12 16:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1016	ND		32	5.0	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1232	ND		32	5.0	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1242	ND		32	9.0	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1248	ND		32	5.5	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1254	**47**		32	5.4	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1260	**69**		32	2.6	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
PCB-1268	ND		32	3.9	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1
Polychlorinated biphenyls, Total	**120**		32	2.6	ug/Kg	☼	08/28/12 21:30	09/12/12 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*53 - 128*	*08/28/12 21:30*	*09/12/12 22:34*	*1*
DCB Decachlorobiphenyl	*46*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 22:34*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-56-0.25 — **Lab Sample ID: 280-32590-34**
Date Collected: 08/22/12 16:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 100.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1016	ND		32	5.0	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1232	ND		32	5.0	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1242	ND		32	8.9	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1248	ND		32	5.5	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1254	**61**		32	5.4	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1260	**23**	**J**	32	2.6	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
PCB-1268	ND		32	3.8	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1
Polychlorinated biphenyls, Total	**84**		32	2.6	ug/Kg	☼	08/28/12 21:30	09/12/12 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*53 - 128*	*08/28/12 21:30*	*09/12/12 22:57*	*1*
DCB Decachlorobiphenyl	*41*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 22:57*	*1*

Client Sample ID: PW-1 — **Lab Sample ID: 280-32590-35**
Date Collected: 08/22/12 17:15 — **Matrix: Wipe**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.0	0.32	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1016	ND		1.0	0.15	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1232	ND		1.0	0.15	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1242	ND		1.0	0.27	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1248	ND		1.0	0.10	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1254	ND		1.0	0.12	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1260	**0.29**	**J**	1.0	0.080	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1262	ND		1.0	0.34	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
PCB-1268	ND		1.0	0.12	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1
Polychlorinated biphenyls, Total	**0.29**	**J**	1.0	0.080	ug/Wipe		08/31/12 16:55	09/10/12 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*56 - 113*	*08/31/12 16:55*	*09/10/12 11:31*	*1*
DCB Decachlorobiphenyl	*69*		*57 - 121*	*08/31/12 16:55*	*09/10/12 11:31*	*1*

Client Sample ID: PW-2 — **Lab Sample ID: 280-32590-36**
Date Collected: 08/22/12 17:30 — **Matrix: Wipe**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.0	0.32	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1016	ND		1.0	0.15	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1232	ND		1.0	0.15	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1242	ND		1.0	0.27	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1248	ND		1.0	0.10	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1254	ND		1.0	0.12	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1260	ND		1.0	0.080	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1262	ND		1.0	0.34	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
PCB-1268	ND		1.0	0.12	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1
Polychlorinated biphenyls, Total	ND		1.0	0.080	ug/Wipe		08/31/12 16:55	09/10/12 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*56 - 113*	*08/31/12 16:55*	*09/10/12 11:54*	*1*
DCB Decachlorobiphenyl	*68*		*57 - 121*	*08/31/12 16:55*	*09/10/12 11:54*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-57-0.25 — **Lab Sample ID: 280-32590-37**
Date Collected: 08/23/12 11:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1016	ND		32	4.9	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1232	ND		32	4.9	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1242	ND		32	8.7	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1248	ND		32	5.4	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1254	**29**	**J**	32	5.3	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1260	**66**		32	2.5	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
PCB-1268	ND		32	3.8	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1
Polychlorinated biphenyls, Total	**95**		32	2.5	ug/Kg	☼	08/28/12 21:30	09/12/12 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*53 - 128*	*08/28/12 21:30*	*09/12/12 23:20*	*1*
DCB Decachlorobiphenyl	*44*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 23:20*	*1*

Client Sample ID: PC-58-0.25 — **Lab Sample ID: 280-32590-38**
Date Collected: 08/23/12 10:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1016	ND		32	4.9	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1232	ND		32	4.9	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1242	ND		32	8.7	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1248	ND		32	5.4	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1254	**15**	**J**	32	5.3	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1260	**30**	**J**	32	2.5	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
PCB-1268	ND		32	3.8	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1
Polychlorinated biphenyls, Total	**46**		32	2.5	ug/Kg	☼	08/28/12 21:30	09/12/12 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*53 - 128*	*08/28/12 21:30*	*09/12/12 23:43*	*1*
DCB Decachlorobiphenyl	*50*	*X*	*59 - 130*	*08/28/12 21:30*	*09/12/12 23:43*	*1*

Client Sample ID: PC-59-0.25 — **Lab Sample ID: 280-32590-39**
Date Collected: 08/23/12 09:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1016	ND		32	4.9	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1232	ND		32	4.9	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1242	ND		32	8.8	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1248	ND		32	5.4	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1254	**9.5**	**J**	32	5.3	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1260	**12**	**J**	32	2.6	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
PCB-1268	ND		32	3.8	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1
Polychlorinated biphenyls, Total	**21**	**J**	32	2.6	ug/Kg	☼	08/28/12 21:30	09/13/12 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*53 - 128*	*08/28/12 21:30*	*09/13/12 00:30*	*1*
DCB Decachlorobiphenyl	*50*	*X*	*59 - 130*	*08/28/12 21:30*	*09/13/12 00:30*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-60-0.25 — **Lab Sample ID: 280-32590-40**
Date Collected: 08/23/12 12:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1016	ND		32	5.0	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1232	ND		32	5.0	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1242	ND		32	8.9	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1248	ND		32	5.5	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1254	**15**	**J**	32	5.4	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1260	**7.1**	**J**	32	2.6	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
PCB-1268	ND		32	3.9	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1
Polychlorinated biphenyls, Total	**22**	**J**	32	2.6	ug/Kg	☼	08/28/12 21:30	09/13/12 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*53 - 128*	*08/28/12 21:30*	*09/13/12 00:53*	*1*
DCB Decachlorobiphenyl	*50*	*X*	*59 - 130*	*08/28/12 21:30*	*09/13/12 00:53*	*1*

Client Sample ID: PC-61-0.25 — **Lab Sample ID: 280-32590-41**
Date Collected: 08/23/12 09:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		44	15	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1016	ND		31	4.8	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1232	ND		31	4.8	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1242	ND		31	8.6	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1248	ND		31	5.3	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1254	**11**	**J**	31	5.2	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1260	**2.8**	**J**	31	2.5	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1262	ND		31	11	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
PCB-1268	ND		31	3.7	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1
Polychlorinated biphenyls, Total	**14**	**J**	31	2.5	ug/Kg	☼	08/28/12 21:30	09/13/12 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*53 - 128*	*08/28/12 21:30*	*09/13/12 01:16*	*1*
DCB Decachlorobiphenyl	*54*	*X*	*59 - 130*	*08/28/12 21:30*	*09/13/12 01:16*	*1*

Client Sample ID: PC-62-0.25 — **Lab Sample ID: 280-32590-42**
Date Collected: 08/23/12 11:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1016	ND		33	5.0	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1232	ND		33	5.0	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1242	ND		33	9.0	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1248	ND		33	5.5	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1254	**79**		33	5.4	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1260	**94**		33	2.6	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1262	ND		33	11	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
PCB-1268	ND		33	3.9	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1
Polychlorinated biphenyls, Total	**170**		33	2.6	ug/Kg	☼	08/28/12 21:30	09/13/12 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*53 - 128*	*08/28/12 21:30*	*09/13/12 01:39*	*1*
DCB Decachlorobiphenyl	*25*	*X*	*59 - 130*	*08/28/12 21:30*	*09/13/12 01:39*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-63-0.25 — **Lab Sample ID: 280-32590-43**
Date Collected: 08/23/12 08:10 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		190	62	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1016	ND		130	20	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1232	ND		130	20	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1242	ND		130	36	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1248	ND		130	22	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1254	**150**		130	22	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1260	**180**		130	10	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1262	ND		130	46	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
PCB-1268	ND		130	16	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4
Polychlorinated biphenyls, Total	**330**		130	10	ug/Kg	☼	08/28/12 20:15	09/26/12 14:29	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*160*	*D*	*53 - 128*	*08/28/12 20:15*	*09/26/12 14:29*	*4*
DCB Decachlorobiphenyl	*45*	*D*	*59 - 130*	*08/28/12 20:15*	*09/26/12 14:29*	*4*

Client Sample ID: PC-64-0.25 — **Lab Sample ID: 280-32590-44**
Date Collected: 08/23/12 07:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1016	ND		32	4.9	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1232	ND		32	4.9	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1242	ND		32	8.8	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1248	ND		32	5.4	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1254	**69**		32	5.3	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1260	**72**		32	2.5	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1262	ND		32	11	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
PCB-1268	ND		32	3.8	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1
Polychlorinated biphenyls, Total	**140**		32	2.5	ug/Kg	☼	08/28/12 20:15	09/26/12 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*53 - 128*	*08/28/12 20:15*	*09/26/12 14:50*	*1*
DCB Decachlorobiphenyl	*64*		*59 - 130*	*08/28/12 20:15*	*09/26/12 14:50*	*1*

Client Sample ID: PC-65-0.25 — **Lab Sample ID: 280-32590-45**
Date Collected: 08/23/12 07:10 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		880	290	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1016	ND		620	95	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1232	ND		620	96	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1242	ND		620	170	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1248	ND		620	110	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1254	**450**	**J**	620	100	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1260	ND		620	50	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1262	ND		620	220	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
PCB-1268	ND		620	74	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20
Polychlorinated biphenyls, Total	**450**	**J**	620	50	ug/Kg	☼	08/28/12 20:15	09/14/12 13:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*D*	*53 - 128*	*08/28/12 20:15*	*09/14/12 13:15*	*20*
DCB Decachlorobiphenyl	*0*	*D*	*59 - 130*	*08/28/12 20:15*	*09/14/12 13:15*	*20*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-66-0.25 — **Lab Sample ID: 280-32590-46**
Date Collected: 08/23/12 07:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 100.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		910	300	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1016	ND		640	99	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1232	ND		640	99	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1242	ND		640	180	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1248	ND		640	110	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1254	**280**	**J**	640	110	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1260	ND		640	51	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1262	ND		640	220	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
PCB-1268	ND		640	76	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20
Polychlorinated biphenyls, Total	**280**	**J**	640	51	ug/Kg	☼	08/28/12 20:15	09/14/12 13:36	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*D*	*53 - 128*	*08/28/12 20:15*	*09/14/12 13:36*	*20*
DCB Decachlorobiphenyl	*0*	*D*	*59 - 130*	*08/28/12 20:15*	*09/14/12 13:36*	*20*

General Chemistry

Client Sample ID: PC-23-0.25 — **Lab Sample ID: 280-32590-1**
Date Collected: 08/21/12 08:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**1.4**		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-24-0.25 — **Lab Sample ID: 280-32590-2**
Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**1.2**		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-25-0.25 — **Lab Sample ID: 280-32590-3**
Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**0.84**		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-26-0.25 — **Lab Sample ID: 280-32590-4**
Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**2.0**		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-27-0.25 — **Lab Sample ID: 280-32590-5**
Date Collected: 08/21/12 12:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**1.6**		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-28-0.25 — **Lab Sample ID: 280-32590-6**
Date Collected: 08/21/12 13:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**0.92**		0.10	0.10	%			08/28/12 12:18	1

General Chemistry

Client Sample ID: PC-29-0.25 — **Lab Sample ID: 280-32590-7**
Date Collected: 08/21/12 11:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.4		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-30-0.25 — **Lab Sample ID: 280-32590-8**
Date Collected: 08/21/12 11:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.5		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-31-0.25 — **Lab Sample ID: 280-32590-9**
Date Collected: 08/21/12 13:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.1		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-32-0.25 — **Lab Sample ID: 280-32590-10**
Date Collected: 08/21/12 13:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.3		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-33-0.25 — **Lab Sample ID: 280-32590-11**
Date Collected: 08/21/12 16:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.3		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-34-0.25 — **Lab Sample ID: 280-32590-12**
Date Collected: 08/21/12 15:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.1		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-35-0.25 — **Lab Sample ID: 280-32590-13**
Date Collected: 08/21/12 15:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.26		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-36-0.25 — **Lab Sample ID: 280-32590-14**
Date Collected: 08/21/12 16:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.32		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-37-0.25 — **Lab Sample ID: 280-32590-15**
Date Collected: 08/21/12 14:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.4		0.10	0.10	%			08/28/12 12:18	1

General Chemistry

Client Sample ID: PC-38-0.25 — **Lab Sample ID: 280-32590-16**
Date Collected: 08/21/12 17:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.44		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-39-0.25 — **Lab Sample ID: 280-32590-17**
Date Collected: 08/21/12 16:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.6		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-40-0.25 — **Lab Sample ID: 280-32590-18**
Date Collected: 08/22/12 07:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.12		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-41-0.25 — **Lab Sample ID: 280-32590-19**
Date Collected: 08/22/12 07:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.8		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-42-0.25 — **Lab Sample ID: 280-32590-20**
Date Collected: 08/22/12 08:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.19		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-43-0.25 — **Lab Sample ID: 280-32590-21**
Date Collected: 08/22/12 08:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.3		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-44-0.25 — **Lab Sample ID: 280-32590-22**
Date Collected: 08/22/12 09:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.12		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-45-0.25 — **Lab Sample ID: 280-32590-23**
Date Collected: 08/22/12 09:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.7		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-46-0.25 — **Lab Sample ID: 280-32590-24**
Date Collected: 08/22/12 11:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.13		0.10	0.10	%			08/28/12 12:18	1

General Chemistry

Client Sample ID: PC-47-0.25 — **Lab Sample ID: 280-32590-25**
Date Collected: 08/22/12 09:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.2		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-48-0.25 — **Lab Sample ID: 280-32590-26**
Date Collected: 08/22/12 12:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.30		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-49-0.25 — **Lab Sample ID: 280-32590-27**
Date Collected: 08/22/12 11:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.2		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-50-0.25 — **Lab Sample ID: 280-32590-28**
Date Collected: 08/22/12 13:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.13		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-51-0.25 — **Lab Sample ID: 280-32590-29**
Date Collected: 08/22/12 14:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.4		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-52-0.25 — **Lab Sample ID: 280-32590-30**
Date Collected: 08/22/12 15:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.3		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-53-0.25 — **Lab Sample ID: 280-32590-31**
Date Collected: 08/22/12 14:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.064		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-54-0.25 — **Lab Sample ID: 280-32590-32**
Date Collected: 08/22/12 15:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-55-0.25 — **Lab Sample ID: 280-32590-33**
Date Collected: 08/22/12 16:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.43		0.10	0.10	%			08/28/12 12:18	1

General Chemistry

Client Sample ID: PC-56-0.25 — **Lab Sample ID: 280-32590-34**
Date Collected: 08/22/12 16:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-57-0.25 — **Lab Sample ID: 280-32590-37**
Date Collected: 08/23/12 11:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.31		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-58-0.25 — **Lab Sample ID: 280-32590-38**
Date Collected: 08/23/12 10:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.49		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-59-0.25 — **Lab Sample ID: 280-32590-39**
Date Collected: 08/23/12 09:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.55		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-60-0.25 — **Lab Sample ID: 280-32590-40**
Date Collected: 08/23/12 12:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.45		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-61-0.25 — **Lab Sample ID: 280-32590-41**
Date Collected: 08/23/12 09:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.85		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-62-0.25 — **Lab Sample ID: 280-32590-42**
Date Collected: 08/23/12 11:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.19		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-63-0.25 — **Lab Sample ID: 280-32590-43**
Date Collected: 08/23/12 08:10 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.064		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-64-0.25 — **Lab Sample ID: 280-32590-44**
Date Collected: 08/23/12 07:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.50		0.10	0.10	%			08/28/12 12:18	1

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

General Chemistry

Client Sample ID: PC-65-0.25 — **Lab Sample ID: 280-32590-45**
Date Collected: 08/23/12 07:10 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.19		0.10	0.10	%			08/28/12 12:18	1

Client Sample ID: PC-66-0.25 — **Lab Sample ID: 280-32590-46**
Date Collected: 08/23/12 07:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		0.10	0.10	%			08/28/12 12:18	1

QC Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 280-134606/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134606**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1016	ND		32	4.9	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1232	ND		32	5.0	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1242	ND		32	8.9	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1248	ND		32	5.4	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1254	ND		32	5.4	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1260	ND		32	2.6	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1262	ND		32	11	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
PCB-1268	ND		32	3.8	ug/Kg		08/28/12 20:40	09/13/12 17:26	1
Polychlorinated biphenyls, Total	ND		32	2.6	ug/Kg		08/28/12 20:40	09/13/12 17:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*53 - 128*	*08/28/12 20:40*	*09/13/12 17:26*	*1*
DCB Decachlorobiphenyl	*70*		*59 - 130*	*08/28/12 20:40*	*09/13/12 17:26*	*1*

Lab Sample ID: LCS 280-134606/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134606**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	66.0	59.5		ug/Kg		90	54 - 132
PCB-1260	66.0	72.2		ug/Kg		109	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*53 - 128*
DCB Decachlorobiphenyl	*62*		*59 - 130*

Lab Sample ID: 280-32590-1 MS — **Client Sample ID: PC-23-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134606**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		64.4	ND	D	ug/Kg	☼	NC	54 - 132
PCB-1260	1300		64.4	1400	D 4	ug/Kg	☼	91	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*99*	*D*	*59 - 130*

Lab Sample ID: 280-32590-1 MSD — **Client Sample ID: PC-23-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134606**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		63.0	ND	D	ug/Kg	☼	NC	54 - 132	NC	36
PCB-1260	1300		63.0	984	D 4	ug/Kg	☼	-562	62 - 129	35	44

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32590-1 MSD — **Client Sample ID: PC-23-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134606**

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*94*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*75*	*D*	*59 - 130*

Lab Sample ID: MB 280-134638/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134638**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1016	ND		32	5.0	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1232	ND		32	5.0	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1242	ND		32	8.9	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1248	ND		32	5.5	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1254	ND		32	5.4	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1260	ND		32	2.6	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1262	ND		32	11	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
PCB-1268	ND		32	3.9	ug/Kg		08/28/12 21:30	09/12/12 16:02	1
Polychlorinated biphenyls, Total	ND		32	2.6	ug/Kg		08/28/12 21:30	09/12/12 16:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*53 - 128*	*08/28/12 21:30*	*09/12/12 16:02*	*1*
DCB Decachlorobiphenyl	*85*		*59 - 130*	*08/28/12 21:30*	*09/12/12 16:02*	*1*

Lab Sample ID: LCS 280-134638/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134638**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	61.5	61.1		ug/Kg		99	54 - 132
PCB-1260	61.5	73.9		ug/Kg		120	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*53 - 128*
DCB Decachlorobiphenyl	*85*		*59 - 130*

Lab Sample ID: 280-32590-21 MS — **Client Sample ID: PC-43-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134638**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		65.8	46.8		ug/Kg	☼	71	54 - 132
PCB-1260	140		65.8	164	F	ug/Kg	☼	31	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*76*		*53 - 128*
DCB Decachlorobiphenyl	*57*	*X*	*59 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32590-21 MSD — **Client Sample ID: PC-43-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 134638**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		61.6	43.7		ug/Kg	☼	71	54 - 132	7	36
PCB-1260	140		61.6	168	F	ug/Kg	☼	39	62 - 129	2	44

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*79*		*53 - 128*
DCB Decachlorobiphenyl	*50*	*X*	*59 - 130*

Lab Sample ID: MB 280-134666/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 134666**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1016	ND		32	4.9	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1232	ND		32	5.0	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1242	ND		32	8.8	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1248	ND		32	5.4	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1254	ND		32	5.3	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1260	ND		32	2.6	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1262	ND		32	11	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
PCB-1268	ND		32	3.8	ug/Kg		08/28/12 20:15	09/14/12 11:51	1
Polychlorinated biphenyls, Total	ND		32	2.6	ug/Kg		08/28/12 20:15	09/14/12 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*53 - 128*	*08/28/12 20:15*	*09/14/12 11:51*	*1*
DCB Decachlorobiphenyl	*86*		*59 - 130*	*08/28/12 20:15*	*09/14/12 11:51*	*1*

Lab Sample ID: LCS 280-134666/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 134666**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	61.7	67.7		ug/Kg		110	54 - 132
PCB-1260	61.7	64.7		ug/Kg		105	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*101*		*53 - 128*
DCB Decachlorobiphenyl	*85*		*59 - 130*

Lab Sample ID: 280-32590-46 MS — **Client Sample ID: PC-66-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 134666**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		65.1	ND	D	ug/Kg	☼	NC	54 - 132
PCB-1260	ND		65.1	183	J D	ug/Kg	☼	281	62 - 129

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32590-46 MS — **Client Sample ID: PC-66-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 134666**

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	0	D	53 - 128
DCB Decachlorobiphenyl	0	D	59 - 130

Lab Sample ID: 280-32590-46 MSD — **Client Sample ID: PC-66-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 134666**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		63.9	ND	D	ug/Kg	☼	NC	54 - 132	NC	36
PCB-1260	ND		63.9	199	J D	ug/Kg	☼	311	62 - 129	8	44

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	0	D	53 - 128
DCB Decachlorobiphenyl	0	D	59 - 130

Lab Sample ID: MB 280-135352/1-A — **Client Sample ID: Method Blank**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 137335 — **Prep Batch: 135352**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.0	0.32	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1016	ND		1.0	0.15	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1232	ND		1.0	0.15	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1242	ND		1.0	0.27	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1248	ND		1.0	0.10	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1254	ND		1.0	0.12	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1260	ND		1.0	0.080	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1262	ND		1.0	0.34	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
PCB-1268	ND		1.0	0.12	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1
Polychlorinated biphenyls, Total	ND		1.0	0.080	ug/Wipe		08/31/12 16:55	09/10/12 10:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		56 - 113	08/31/12 16:55	09/10/12 10:21	1
DCB Decachlorobiphenyl	75		57 - 121	08/31/12 16:55	09/10/12 10:21	1

Lab Sample ID: LCS 280-135352/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 137335 — **Prep Batch: 135352**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.00	1.83		ug/Wipe		92	60 - 150
PCB-1260	2.00	2.13		ug/Wipe		107	66 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	85		56 - 113
DCB Decachlorobiphenyl	75		57 - 121

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 280-135352/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 137335 — **Prep Batch: 135352**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			2.00	1.85		ug/Wipe		92	60 - 150	1	30
PCB-1260			2.00	2.10		ug/Wipe		105	66 - 140	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*56 - 113*
DCB Decachlorobiphenyl	*76*		*57 - 121*

Method: Moisture - Percent Moisture

Lab Sample ID: 280-32590-17 DU — **Client Sample ID: PC-39-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134686

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.6			1.5		%				8	20

Lab Sample ID: 280-32590-38 DU — **Client Sample ID: PC-58-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134686

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	0.49			0.42		%				16	20

QC Association Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

GC Semi VOA

Prep Batch: 134606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-1	PC-23-0.25	Total/NA	Solid	3550C	
280-32590-1 MS	PC-23-0.25	Total/NA	Solid	3550C	
280-32590-1 MSD	PC-23-0.25	Total/NA	Solid	3550C	
280-32590-2	PC-24-0.25	Total/NA	Solid	3550C	
280-32590-3	PC-25-0.25	Total/NA	Solid	3550C	
280-32590-4	PC-26-0.25	Total/NA	Solid	3550C	
280-32590-5	PC-27-0.25	Total/NA	Solid	3550C	
280-32590-6	PC-28-0.25	Total/NA	Solid	3550C	
280-32590-7	PC-29-0.25	Total/NA	Solid	3550C	
280-32590-8	PC-30-0.25	Total/NA	Solid	3550C	
280-32590-9	PC-31-0.25	Total/NA	Solid	3550C	
280-32590-10	PC-32-0.25	Total/NA	Solid	3550C	
280-32590-11	PC-33-0.25	Total/NA	Solid	3550C	
280-32590-12	PC-34-0.25	Total/NA	Solid	3550C	
280-32590-13	PC-35-0.25	Total/NA	Solid	3550C	
280-32590-14	PC-36-0.25	Total/NA	Solid	3550C	
280-32590-15	PC-37-0.25	Total/NA	Solid	3550C	
280-32590-16	PC-38-0.25	Total/NA	Solid	3550C	
280-32590-17	PC-39-0.25	Total/NA	Solid	3550C	
280-32590-18	PC-40-0.25	Total/NA	Solid	3550C	
280-32590-19	PC-41-0.25	Total/NA	Solid	3550C	
280-32590-20	PC-42-0.25	Total/NA	Solid	3550C	
LCS 280-134606/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-134606/1-A	Method Blank	Total/NA	Solid	3550C	

Prep Batch: 134638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-21	PC-43-0.25	Total/NA	Solid	3550C	
280-32590-21 MS	PC-43-0.25	Total/NA	Solid	3550C	
280-32590-21 MSD	PC-43-0.25	Total/NA	Solid	3550C	
280-32590-22	PC-44-0.25	Total/NA	Solid	3550C	
280-32590-23	PC-45-0.25	Total/NA	Solid	3550C	
280-32590-24	PC-46-0.25	Total/NA	Solid	3550C	
280-32590-25	PC-47-0.25	Total/NA	Solid	3550C	
280-32590-26	PC-48-0.25	Total/NA	Solid	3550C	
280-32590-27	PC-49-0.25	Total/NA	Solid	3550C	
280-32590-28	PC-50-0.25	Total/NA	Solid	3550C	
280-32590-29	PC-51-0.25	Total/NA	Solid	3550C	
280-32590-30	PC-52-0.25	Total/NA	Solid	3550C	
280-32590-31	PC-53-0.25	Total/NA	Solid	3550C	
280-32590-32	PC-54-0.25	Total/NA	Solid	3550C	
280-32590-33	PC-55-0.25	Total/NA	Solid	3550C	
280-32590-34	PC-56-0.25	Total/NA	Solid	3550C	
280-32590-37	PC-57-0.25	Total/NA	Solid	3550C	
280-32590-38	PC-58-0.25	Total/NA	Solid	3550C	
280-32590-39	PC-59-0.25	Total/NA	Solid	3550C	
280-32590-40	PC-60-0.25	Total/NA	Solid	3550C	
280-32590-41	PC-61-0.25	Total/NA	Solid	3550C	
280-32590-42	PC-62-0.25	Total/NA	Solid	3550C	
LCS 280-134638/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-134638/1-A	Method Blank	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 134666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-43	PC-63-0.25	Total/NA	Solid	3550C	
280-32590-44	PC-64-0.25	Total/NA	Solid	3550C	
280-32590-45	PC-65-0.25	Total/NA	Solid	3550C	
280-32590-46	PC-66-0.25	Total/NA	Solid	3550C	
280-32590-46 MS	PC-66-0.25	Total/NA	Solid	3550C	
280-32590-46 MSD	PC-66-0.25	Total/NA	Solid	3550C	
LCS 280-134666/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-134666/1-A	Method Blank	Total/NA	Solid	3550C	

Prep Batch: 135352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-35	PW-1	Total/NA	Wipe	3550C	
280-32590-36	PW-2	Total/NA	Wipe	3550C	
LCS 280-135352/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 280-135352/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	
MB 280-135352/1-A	Method Blank	Total/NA	Wipe	3550C	

Analysis Batch: 137273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-1	PC-23-0.25	Total/NA	Solid	8082A	134606
280-32590-1 MS	PC-23-0.25	Total/NA	Solid	8082A	134606
280-32590-1 MSD	PC-23-0.25	Total/NA	Solid	8082A	134606
280-32590-2	PC-24-0.25	Total/NA	Solid	8082A	134606
280-32590-3	PC-25-0.25	Total/NA	Solid	8082A	134606
280-32590-4	PC-26-0.25	Total/NA	Solid	8082A	134606
280-32590-5	PC-27-0.25	Total/NA	Solid	8082A	134606
280-32590-6	PC-28-0.25	Total/NA	Solid	8082A	134606
280-32590-7	PC-29-0.25	Total/NA	Solid	8082A	134606
280-32590-8	PC-30-0.25	Total/NA	Solid	8082A	134606
280-32590-9	PC-31-0.25	Total/NA	Solid	8082A	134606
280-32590-10	PC-32-0.25	Total/NA	Solid	8082A	134606
280-32590-11	PC-33-0.25	Total/NA	Solid	8082A	134606
280-32590-12	PC-34-0.25	Total/NA	Solid	8082A	134606
280-32590-13	PC-35-0.25	Total/NA	Solid	8082A	134606
280-32590-14	PC-36-0.25	Total/NA	Solid	8082A	134606
280-32590-15	PC-37-0.25	Total/NA	Solid	8082A	134606
280-32590-16	PC-38-0.25	Total/NA	Solid	8082A	134606
280-32590-17	PC-39-0.25	Total/NA	Solid	8082A	134606
280-32590-18	PC-40-0.25	Total/NA	Solid	8082A	134606
280-32590-19	PC-41-0.25	Total/NA	Solid	8082A	134606
280-32590-20	PC-42-0.25	Total/NA	Solid	8082A	134606
280-32590-21	PC-43-0.25	Total/NA	Solid	8082A	134638
280-32590-21 MS	PC-43-0.25	Total/NA	Solid	8082A	134638
280-32590-21 MSD	PC-43-0.25	Total/NA	Solid	8082A	134638
280-32590-22	PC-44-0.25	Total/NA	Solid	8082A	134638
280-32590-23	PC-45-0.25	Total/NA	Solid	8082A	134638
280-32590-24	PC-46-0.25	Total/NA	Solid	8082A	134638
280-32590-25	PC-47-0.25	Total/NA	Solid	8082A	134638
280-32590-26	PC-48-0.25	Total/NA	Solid	8082A	134638
280-32590-27	PC-49-0.25	Total/NA	Solid	8082A	134638
280-32590-28	PC-50-0.25	Total/NA	Solid	8082A	134638
280-32590-29	PC-51-0.25	Total/NA	Solid	8082A	134638

GC Semi VOA (Continued)

Analysis Batch: 137273 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-30	PC-52-0.25	Total/NA	Solid	8082A	134638
280-32590-31	PC-53-0.25	Total/NA	Solid	8082A	134638
280-32590-32	PC-54-0.25	Total/NA	Solid	8082A	134638
280-32590-33	PC-55-0.25	Total/NA	Solid	8082A	134638
280-32590-34	PC-56-0.25	Total/NA	Solid	8082A	134638
280-32590-37	PC-57-0.25	Total/NA	Solid	8082A	134638
280-32590-38	PC-58-0.25	Total/NA	Solid	8082A	134638
280-32590-39	PC-59-0.25	Total/NA	Solid	8082A	134638
280-32590-40	PC-60-0.25	Total/NA	Solid	8082A	134638
280-32590-41	PC-61-0.25	Total/NA	Solid	8082A	134638
280-32590-42	PC-62-0.25	Total/NA	Solid	8082A	134638
LCS 280-134606/2-A	Lab Control Sample	Total/NA	Solid	8082A	134606
LCS 280-134638/2-A	Lab Control Sample	Total/NA	Solid	8082A	134638
MB 280-134606/1-A	Method Blank	Total/NA	Solid	8082A	134606
MB 280-134638/1-A	Method Blank	Total/NA	Solid	8082A	134638

Analysis Batch: 137335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-35	PW-1	Total/NA	Wipe	8082A	135352
280-32590-36	PW-2	Total/NA	Wipe	8082A	135352
LCS 280-135352/2-A	Lab Control Sample	Total/NA	Wipe	8082A	135352
LCSD 280-135352/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	135352
MB 280-135352/1-A	Method Blank	Total/NA	Wipe	8082A	135352

Analysis Batch: 137622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-45	PC-65-0.25	Total/NA	Solid	8082A	134666
280-32590-46	PC-66-0.25	Total/NA	Solid	8082A	134666
280-32590-46 MS	PC-66-0.25	Total/NA	Solid	8082A	134666
280-32590-46 MSD	PC-66-0.25	Total/NA	Solid	8082A	134666
LCS 280-134666/2-A	Lab Control Sample	Total/NA	Solid	8082A	134666
MB 280-134666/1-A	Method Blank	Total/NA	Solid	8082A	134666

Analysis Batch: 139319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-43	PC-63-0.25	Total/NA	Solid	8082A	134666
280-32590-44	PC-64-0.25	Total/NA	Solid	8082A	134666

General Chemistry

Analysis Batch: 134686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-1	PC-23-0.25	Total/NA	Solid	Moisture	
280-32590-2	PC-24-0.25	Total/NA	Solid	Moisture	
280-32590-3	PC-25-0.25	Total/NA	Solid	Moisture	
280-32590-4	PC-26-0.25	Total/NA	Solid	Moisture	
280-32590-5	PC-27-0.25	Total/NA	Solid	Moisture	
280-32590-6	PC-28-0.25	Total/NA	Solid	Moisture	
280-32590-7	PC-29-0.25	Total/NA	Solid	Moisture	
280-32590-8	PC-30-0.25	Total/NA	Solid	Moisture	
280-32590-9	PC-31-0.25	Total/NA	Solid	Moisture	
280-32590-10	PC-32-0.25	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 134686 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-11	PC-33-0.25	Total/NA	Solid	Moisture	
280-32590-12	PC-34-0.25	Total/NA	Solid	Moisture	
280-32590-13	PC-35-0.25	Total/NA	Solid	Moisture	
280-32590-14	PC-36-0.25	Total/NA	Solid	Moisture	
280-32590-15	PC-37-0.25	Total/NA	Solid	Moisture	
280-32590-16	PC-38-0.25	Total/NA	Solid	Moisture	
280-32590-17	PC-39-0.25	Total/NA	Solid	Moisture	
280-32590-17 DU	PC-39-0.25	Total/NA	Solid	Moisture	
280-32590-18	PC-40-0.25	Total/NA	Solid	Moisture	
280-32590-19	PC-41-0.25	Total/NA	Solid	Moisture	
280-32590-20	PC-42-0.25	Total/NA	Solid	Moisture	
280-32590-21	PC-43-0.25	Total/NA	Solid	Moisture	
280-32590-22	PC-44-0.25	Total/NA	Solid	Moisture	
280-32590-23	PC-45-0.25	Total/NA	Solid	Moisture	
280-32590-24	PC-46-0.25	Total/NA	Solid	Moisture	
280-32590-25	PC-47-0.25	Total/NA	Solid	Moisture	
280-32590-26	PC-48-0.25	Total/NA	Solid	Moisture	
280-32590-27	PC-49-0.25	Total/NA	Solid	Moisture	
280-32590-28	PC-50-0.25	Total/NA	Solid	Moisture	
280-32590-29	PC-51-0.25	Total/NA	Solid	Moisture	
280-32590-30	PC-52-0.25	Total/NA	Solid	Moisture	
280-32590-31	PC-53-0.25	Total/NA	Solid	Moisture	
280-32590-32	PC-54-0.25	Total/NA	Solid	Moisture	
280-32590-33	PC-55-0.25	Total/NA	Solid	Moisture	
280-32590-34	PC-56-0.25	Total/NA	Solid	Moisture	
280-32590-37	PC-57-0.25	Total/NA	Solid	Moisture	
280-32590-38	PC-58-0.25	Total/NA	Solid	Moisture	
280-32590-38 DU	PC-58-0.25	Total/NA	Solid	Moisture	
280-32590-39	PC-59-0.25	Total/NA	Solid	Moisture	
280-32590-40	PC-60-0.25	Total/NA	Solid	Moisture	
280-32590-41	PC-61-0.25	Total/NA	Solid	Moisture	
280-32590-42	PC-62-0.25	Total/NA	Solid	Moisture	
280-32590-43	PC-63-0.25	Total/NA	Solid	Moisture	
280-32590-44	PC-64-0.25	Total/NA	Solid	Moisture	
280-32590-45	PC-65-0.25	Total/NA	Solid	Moisture	
280-32590-46	PC-66-0.25	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-23-0.25 — Lab Sample ID: 280-32590-1

Date Collected: 08/21/12 08:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.2 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		25			137273	09/13/12 16:17	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-24-0.25 — Lab Sample ID: 280-32590-2

Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.8 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 03:57	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-25-0.25 — Lab Sample ID: 280-32590-3

Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		500			137273	09/13/12 18:13	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-26-0.25 — Lab Sample ID: 280-32590-4

Date Collected: 08/21/12 08:50 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		200			137273	09/13/12 18:36	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-27-0.25 — Lab Sample ID: 280-32590-5

Date Collected: 08/21/12 12:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		100			137273	09/13/12 18:59	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-28-0.25 — Lab Sample ID: 280-32590-6

Date Collected: 08/21/12 13:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.5 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 05:52	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-29-0.25 — Lab Sample ID: 280-32590-7

Date Collected: 08/21/12 11:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		10			137273	09/13/12 19:22	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-30-0.25 — Lab Sample ID: 280-32590-8

Date Collected: 08/21/12 11:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		10			137273	09/13/12 06:38	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-31-0.25 — Lab Sample ID: 280-32590-9

Date Collected: 08/21/12 13:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.4 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		5			137273	09/13/12 19:45	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-32-0.25 — Lab Sample ID: 280-32590-10

Date Collected: 08/21/12 13:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		20			137273	09/13/12 20:08	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-33-0.25

Lab Sample ID: 280-32590-11
Date Collected: 08/21/12 16:00
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.8 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		10			137273	09/13/12 07:47	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-34-0.25

Lab Sample ID: 280-32590-12
Date Collected: 08/21/12 15:00
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.9 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		2			137273	09/13/12 08:10	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-35-0.25

Lab Sample ID: 280-32590-13
Date Collected: 08/21/12 15:05
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 08:56	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-36-0.25

Lab Sample ID: 280-32590-14
Date Collected: 08/21/12 16:05
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 09:20	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-37-0.25

Lab Sample ID: 280-32590-15
Date Collected: 08/21/12 14:20
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 09:43	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-38-0.25 — Lab Sample ID: 280-32590-16

Date Collected: 08/21/12 17:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		5			137273	09/13/12 10:06	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-39-0.25 — Lab Sample ID: 280-32590-17

Date Collected: 08/21/12 16:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		2			137273	09/13/12 10:30	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-40-0.25 — Lab Sample ID: 280-32590-18

Date Collected: 08/22/12 07:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		10			137273	09/13/12 10:53	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-41-0.25 — Lab Sample ID: 280-32590-19

Date Collected: 08/22/12 07:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 11:16	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-42-0.25 — Lab Sample ID: 280-32590-20

Date Collected: 08/22/12 08:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	134606	08/28/12 20:40	MRM	TAL DEN
Total/NA	Analysis	8082A		5			137273	09/13/12 20:31	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-43-0.25 — Lab Sample ID: 280-32590-21

Date Collected: 08/22/12 08:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 12:02	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-44-0.25 — Lab Sample ID: 280-32590-22

Date Collected: 08/22/12 09:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		10			137273	09/13/12 13:35	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-45-0.25 — Lab Sample ID: 280-32590-23

Date Collected: 08/22/12 09:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		2			137273	09/13/12 13:58	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-46-0.25 — Lab Sample ID: 280-32590-24

Date Collected: 08/22/12 11:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		5			137273	09/13/12 14:21	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-47-0.25 — Lab Sample ID: 280-32590-25

Date Collected: 08/22/12 09:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		5			137273	09/13/12 14:44	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-48-0.25 — Lab Sample ID: 280-32590-26

Date Collected: 08/22/12 12:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		10			137273	09/13/12 15:08	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-49-0.25 — Lab Sample ID: 280-32590-27

Date Collected: 08/22/12 11:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		2			137273	09/12/12 20:16	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-50-0.25 — Lab Sample ID: 280-32590-28

Date Collected: 08/22/12 13:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		5			137273	09/12/12 20:39	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-51-0.25 — Lab Sample ID: 280-32590-29

Date Collected: 08/22/12 14:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		2			137273	09/12/12 21:02	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-52-0.25 — Lab Sample ID: 280-32590-30

Date Collected: 08/22/12 15:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		5			137273	09/12/12 21:25	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-53-0.25 — Lab Sample ID: 280-32590-31

Date Collected: 08/22/12 14:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		2			137273	09/12/12 21:48	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-54-0.25 — Lab Sample ID: 280-32590-32

Date Collected: 08/22/12 15:40 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 100.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/12/12 22:11	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-55-0.25 — Lab Sample ID: 280-32590-33

Date Collected: 08/22/12 16:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/12/12 22:34	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-56-0.25 — Lab Sample ID: 280-32590-34

Date Collected: 08/22/12 16:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 100.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/12/12 22:57	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PW-1 — Lab Sample ID: 280-32590-35

Date Collected: 08/22/12 17:15 — **Matrix: Wipe**
Date Received: 08/25/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	135352	08/31/12 16:55	JJW	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 11:31	TDJ	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PW-2

Lab Sample ID: 280-32590-36

Date Collected: 08/22/12 17:30
Matrix: Wipe
Date Received: 08/25/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	135352	08/31/12 16:55	JJW	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 11:54	TDJ	TAL DEN

Client Sample ID: PC-57-0.25

Lab Sample ID: 280-32590-37

Date Collected: 08/23/12 11:40
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/12/12 23:20	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-58-0.25

Lab Sample ID: 280-32590-38

Date Collected: 08/23/12 10:45
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.5 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/12/12 23:43	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-59-0.25

Lab Sample ID: 280-32590-39

Date Collected: 08/23/12 09:45
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 00:30	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-60-0.25

Lab Sample ID: 280-32590-40

Date Collected: 08/23/12 12:20
Matrix: Solid
Date Received: 08/25/12 09:30
Percent Solids: 99.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.9 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 00:53	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-61-0.25 — Lab Sample ID: 280-32590-41

Date Collected: 08/23/12 09:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.1 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 01:16	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-62-0.25 — Lab Sample ID: 280-32590-42

Date Collected: 08/23/12 11:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	10000 uL	134638	08/28/12 21:30	MRM	TAL DEN
Total/NA	Analysis	8082A		1			137273	09/13/12 01:39	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-63-0.25 — Lab Sample ID: 280-32590-43

Date Collected: 08/23/12 08:10 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	134666	08/28/12 20:15	MRM	TAL DEN
Total/NA	Analysis	8082A		4			139319	09/26/12 14:29	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-64-0.25 — Lab Sample ID: 280-32590-44

Date Collected: 08/23/12 07:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	10000 uL	134666	08/28/12 20:15	MRM	TAL DEN
Total/NA	Analysis	8082A		1			139319	09/26/12 14:50	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Client Sample ID: PC-65-0.25 — Lab Sample ID: 280-32590-45

Date Collected: 08/23/12 07:10 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.1 g	10000 uL	134666	08/28/12 20:15	MRM	TAL DEN
Total/NA	Analysis	8082A		20			137622	09/14/12 13:15	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-1

Client Sample ID: PC-66-0.25
Date Collected: 08/23/12 07:30
Date Received: 08/25/12 09:30

Lab Sample ID: 280-32590-46
Matrix: Solid
Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	134666	08/28/12 20:15	MRM	TAL DEN
Total/NA	Analysis	8082A		20			137622	09/14/12 13:36	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			134686	08/28/12 12:18	SG	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Login Sample Receipt Checklist

Client: Hargis + Associates, Inc.

Job Number: 280-32590-1

Login Number: 32590

List Source: TestAmerica Denver

List Number: 1

Creator: Lazarte, Noah M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	1 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-23-0.25	8/21/12	0840	concrete	~~SOIL~~	1		X	X	X	X	X		
PC-24-0.25		0850		~~SOIL~~			X	X	X	X	X		
PC-25-0.25		0850		~~SOIL~~			X	X	X	X	X		
PC-26-0.25		0850		~~SOIL~~			X	X	X	X	X		
PC-27-0.25		1230		~~SOIL~~			X	X	X	X	X		
PC-28-0.25		1330		~~SOIL~~			X	X	X	X	X		
PC-29-0.25		1130		~~SOIL~~			X	X	X	X	X		
PC-30-0.25		1125		~~SOIL~~			X	X	X	X	X		
PC-31-0.25		1305		~~SOIL~~			X	X	X	X	X		
PC-32-0.25		1355		~~SOIL~~			X	X	X	X	X		
PC-33-0.25		1600		~~SOIL~~			X	X	X	X	X		
PC-34-0.25		1500		~~SOIL~~			X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain, specific extraction, dancp, analyses and reporting requirements

5.6°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	Hargis	8/24/12 1015	[illegible]	TestAmerica	8-24-12 1015
[illegible]	TEST America	8/24/12 14:45	[illegible]		8/25/12 0930

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	2 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-35-0.25	8/21/12	1505	asphalt	~~SOIL~~	1		X	X	X	X	X		
PC-36-0.25		1605	"	~~SOIL~~	1		X	X	X	X	X		
PC-37-0.25		1420	concrete	~~SOIL~~			X	X	X	X	X		
PC-38-0.25		1700	asphalt	~~SOIL~~			X	X	X	X	X		
PC-39-0.25		1630	concrete	~~SOIL~~			X	X	X	X	X		
PC-40-0.25	8/22/12	0715	asphalt	~~SOIL~~			X	X	X	X	X		
PC-41-0.25		0735	concrete	~~SOIL~~			X	X	X	X	X		
PC-42-0.25		0830	asphalt	~~SOIL~~			X	X	X	X	X		
PC-43-0.25		0800	concrete	~~SOIL~~			X	X	X	X	X		
PC-44-0.25		0940	asphalt	~~SOIL~~			X	X	X	X	X		
PC-45-0.25		0940	concrete	~~SOIL~~			X	X	X	X	X		
PC-46-0.25		1100	asphalt	~~SOIL~~			X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
see chain specific extraction, cleanup, analyses and reporting requirements

5.6°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian R Waggle	Hargis	8/24/12 1015	Joan Mulder	TestAmerica	8-24-12 1015
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	TestAmerica	8/24/12 1445	[illegible]		8/25/12 0934
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: P. Sharma	Carrier: hand	3 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-47-0.25	8/22/12	0955	concrete	~~SOIL~~	1		X	X	X	X	X		
PC-48-0.25		1205	asphalt	~~SOIL~~			X	X	X	X	X		
PC-49-0.25		1130	concrete	~~SOIL~~			X	X	X	X	X		
PC-50-0.25		1345	asphalt	~~SOIL~~			X	X	X	X	X		
PC-51-0.25		1400	concrete	~~SOIL~~			X	X	X	X	X		
PC-52-0.25		1500	asphalt	~~SOIL~~			X	X	X	X	X		
PC-53-0.25		1455	asphalt	~~SOIL~~			X	X	X	X	X		
PC-54-0.25		1540	asphalt	~~SOIL~~			X	X	X	X	X		
PC-55-0.25		1620	concrete	~~SOIL~~			X	X	X	X	X		
PC-56-0.25		1615	asphalt	~~SOIL~~			X	X	X	X	X		
PW-1		1715	wipe	~~SOIL~~			X	X	X	X	X		
PW-2		1730	wipe	~~SOIL~~			X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain specific extraction, cleanup, analyses and reporting requirements

5.6°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian R Waggle	Hargis	8/24/12 1015	Joan Whelan	TestAmerica	8-24-12 1015
[illegible]	TEST AMERICA	8/24/12 1445	[illegible]		8/25/12 0930

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: P. Sharma	Carrier: hand	4 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-57-0.25	8/23/12	1140	concrete	~~SOIL~~	1		X	X	X	X	X		
PC-58-0.25		1045		~~SOIL~~			X	X	X	X	X		
PC-59-0.25		0945		~~SOIL~~			X	X	X	X	X		
PC-60-0.25		1220		~~SOIL~~			X	X	X	X	X		
PC-61-0.25		0900		~~SOIL~~			X	X	X	X	X		
PC-62-0.25		1115	asphalt	~~SOIL~~			X	X	X	X	X		
PC-63-0.25		0810		~~SOIL~~			X	X	X	X	X		
PC-64-0.25		0715	concrete	~~SOIL~~			X	X	X	X	X		
PC-65-0.25		0710	asphalt	~~SOIL~~			X	X	X	X	X		
PC-66-0.25		0730		SOIL			X	X	X	X	X		
				SOIL									
				SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain, specific extraction, cleanup, analyses and reporting requirements

5.62

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian R Waggle	Hargis	8/24/12 1015	[illegible]	TestAmerica	8-24-12 1015
[illegible]	TEST AMERICA	8/24/12 1445	[illegible]		8/25/12 0930

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	1 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-23-0.50	8/21/12	0920	Concrete	~~SOIL~~	1		X	X	X	X	X	X	
PC-24-0.50		0915		SOIL			X	X	X	X	X	X	
PC-25-0.50		1005		SOIL			X	X	X	X	X	X	
PC-26-0.50		1000		SOIL			X	X	X	X	X	X	
PC-27-0.50		1255		SOIL			X	X	X	X	X	X	
PC-28-0.50		1345		SOIL			X	X	X	X	X	X	
PC-29-0.50		1145		SOIL			X	X	X	X	X	X	
PC-30-0.50		1155		SOIL			X	X	X	X	X	X	
PC-31-0.50		1320		SOIL			X	X	X	X	X	X	
PC-32-0.50		1415		SOIL			X	X	X	X	X	X	
PC-33-0.50		1615		SOIL			X	X	X	X	X	X	
PC-34-0.50		1525		SOIL			X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain, specific extraction, cleanup, analyses and reporting requirements

5.8°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	Hargis	8/24/12 1015	Tom Mullen	TestAmerica	8-24-12, 1015
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
FY Bulk	TEST AMERICA	8/24/12 1415	[illegible]		8/25/12 0930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			3.0°C, 3.4°C UC 8/25/12 FP		

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	2 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-35-0.50	8/21/12	1520	asphalt	SOIL	1		X	X	X	X	X	X	
PC-36-0.50		1625	"	SOIL			X	X	X	X	X	X	
PC-37-0.50		1445	concrete	SOIL			X	X	X	X	X	X	
PC-38-0.50		1715	asphalt	SOIL			X	X	X	X	X	X	
PC-39-0.50		1650	concrete	SOIL			X	X	X	X	X	X	
PC-40-0.50	8/22/12	0730	asphalt	SOIL			X	X	X	X	X	X	
PC-41-0.50		0805	concrete	SOIL			X	X	X	X	X	X	
PC-42-0.50		0855	asphalt	SOIL			X	X	X	X	X	X	
PC-43-0.50		0845	concrete	SOIL			X	X	X	X	X	X	
PC-44-0.50		1005	asphalt	SOIL			X	X	X	X	X	X	
PC-45-0.50		0935	concrete	SOIL			X	X	X	X	X	X	
PC-46-0.50		1145	asphalt	SOIL			X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain for specific extraction, cleanup, analysis and reporting requirements

5-8C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian R Waggle	Hargis	8/24/12 1015	[illegible]	TestAmerica	8-24-12 1015
[illegible]	TEST AMERICA	8/24/12 1445	[illegible]		8/25/12 0930

TestAmerica Pleasanton
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Pleasanton, CA 94566
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: O. Sharma	Carrier: hand	3 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-47-0.50	8/23/12	1045	concrete	~~SOIL~~	1		X	X	X	X	X	X	
PC-48-0.50		1330	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-49-0.50		1145	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-50-0.50		1430	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-51-0.50		1410	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-52-0.50		1535	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-53-0.50		1535	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-54-0.50		1545	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-55-0.50		1650	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-56-0.50	✓	1700	asphalt	~~SOIL~~	✓		X	X	X	X	X	X	
				SOIL									
				SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain, specific extraction, cleanup, analyses and reporting requirements

5.8°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	Hargis	8/24/12 1015	John Mullen	TestAmerica	8-24-12 1015
[illegible]	TEST AMERICA	8/24/12 1445	[illegible]		8/25/12 0930

TestAmerica Pleasanton
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Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	4 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) _____			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☐ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-57-0.50	8/23	1200	CONCRETE	~~SOIL~~	1		X	X	X	X	X	X	
PC-58-0.50		1100		~~SOIL~~			X	X	X	X	X	X	
PC-59-0.50		1015		~~SOIL~~			X	X	X	X	X	X	
PC-60-0.50		1240		~~SOIL~~			X	X	X	X	X	X	
PC-61-0.50		0920	CONCRETE	~~SOIL~~			X	X	X	X	X	X	
PC-62-0.50		1145	ASPHALT	~~SOIL~~			X	X	X	X	X	X	
PC-63-0.50		0825		~~SOIL~~			X	X	X	X	X	X	
PC-64-0.50		0720	CONCRETE	~~SOIL~~			X	X	X	X	X	X	
PC-65-0.50		0745	ASPHALT	~~SOIL~~			X	X	X	X	X	X	
PC-66-0.50	8/23/12	0720		~~SOIL~~	1		X	X	X	X	X	X	
				SOIL									
				SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
SEE CHAIN SPECIFIC EXTRACTION CLEAN UP ANALYSIS AND REPORTING REQUIREMENTS

5.8°C

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Brian R Waggle	Hargis	8/24/12 1015	Tony Mullen	Test Amer	8-24-12 1015
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	TEST AMERICA	8/24/12 1445	[illegible]		8/25/12 0930
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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-32741-1
Client Project/Site: Beckman Coulter - Palo Alto

For:
Hargis + Associates, Inc.
1640 S. Stapley Drive
Suite 209
Mesa, Arizona 85204

Attn: Mr. Brian Waggle

Authorized for release by:
9/28/2012 2:42:54 PM

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Project Manager I
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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 280-32741-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Hargis + Associates, Inc.

Project: Beckman Coulter - Palo Alto

Report Number: 280-32741-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/30/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.2 C, 2.9 C, 2.6 C, 1.0 C and 2.9 C.

The collection times listed on the container label for the following samples did not match the information listed on the Chain-of-Custody (COC): PS-21-2.0 (280-32741-139), PS-21-3.0 (280-32741-140). The container labels listed a collection time of 1445 while the COC listed a time of 1450. The collection times were logged as 1450 for both samples, per the COC. The client was notified on 08/31/2012.

No other issues were noted.

POLYCHLORINATED BIPHENYLS (PCBS) - METHOD 8082

Samples PS-14-0.25 (280-32741-7)[2X], PS-17-0.25 (280-32741-13)[10X], PS-18-0.25 (280-32741-15)[2X], PS-20-0.25 (280-32741-19)[2X], PS-22-0.25 (280-32741-23)[10X], PS-23-0.25 (280-32741-25)[2X], PS-23-1.0 (280-32741-26)[5X], PS-25-0.25 (280-32741-29)[2X], PS-30-0.25 (280-32741-39)[4X], PS-36-0.25 (280-32741-51)[5X], PS-36-1.0 (280-32741-52)[5X], PS-35-0.25 (280-32741-53)[5X], PS-35-1.0 (280-32741-54)[5X], PS-38-0.25 (280-32741-55)[5X], PS-38-1.0 (280-32741-56)[5X], PS-39-0.25 (280-32741-57)[5X], PS-39-1.0 (280-32741-58)[5X], PS-41-0.25 (280-32741-59)[5X], PS-41-1.0 (280-32741-60)[5X], PS-40-0.25 (280-32741-61)[5X], PS-40-1.0 (280-32741-62)[5X], PS-42-0.25 (280-32741-63)[5X], PS-42-1.0 (280-32741-64)[5X], PS-43-0.25 (280-32741-65)[5X], PS-43-1.0 (280-32741-66)[5X], PS-44-0.25 (280-32741-67)[5X], PS-44-1.0 (280-32741-68)[5X], PS-47-0.25 (280-32741-69)[5X], PS-47-1.0 (280-32741-70)[5X], PS-45-0.25 (280-32741-71)[5X], PS-45-1.0 (280-32741-72)[5X], PS-46-0.25 (280-32741-73)[5X], PS-46-1.0 (280-32741-74)[5X], PS-53-0.25 (280-32741-75)[5X], PS-53-1.0 (280-32741-76)[5X], PS-54-0.25 (280-32741-77)[5X], PS-54-1.0 (280-32741-78)[5X], PS-48-0.25 (280-32741-79)[5X], PS-48-1.0 (280-32741-80)[5X], PS-49-0.25 (280-32741-81)[5X], PS-49-1.0 (280-32741-82)[5X], PS-50-0.25 (280-32741-83)[5X], PS-50-1.0 (280-32741-84)[5X], PS-51-0.25 (280-32741-85)[5X], PS-51-1.0 (280-32741-86)[5X], PS-52-0.25 (280-32741-87)[5X], PS-52-1.0 (280-32741-88)[5X], PS-55-0.25 (280-32741-89)[5X], PS-55-1.0 (280-32741-90)[10X], PS-60-1.0 (280-32741-94)[2X], PS-59-0.25 (280-32741-95)[5X], PS-58-0.25 (280-32741-97)[10X], PS-57-0.25 (280-32741-99)[2X], PS-60-0.25 (280-32741-107)[1000X] and WC-082912 (280-32741-109)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: (280-32741-11 MS), (280-32741-11 MSD), (LCS 280-135505/2-A), (MB 280-135505/1-A), PS-16-0.25 (280-32741-11), PS-16-1.0 (280-32741-12), PS-17-0.25 (280-32741-13), PS-17-1.0 (280-32741-14), PS-18-1.0 (280-32741-16), PS-19-0.25 (280-32741-17), PS-19-1.0 (280-32741-18), PS-20-1.0 (280-32741-20), PS-21-0.25 (280-32741-21), PS-21-1.0 (280-32741-22), PS-22-0.25 (280-32741-23), PS-22-1.0 (280-32741-24), PS-24-0.25 (280-32741-27), PS-24-1.0 (280-32741-28), PS-25-1.0 (280-32741-30), (280-32741-1 MS), (280-32741-1 MSD), (280-32741-31 MS), (280-32741-31 MSD), (LCS 280-135504/2-A), (LCS 280-135506/2-A), (MB 280-135504/1-A), (MB 280-135506/1-A), PS-11-0.25 (280-32741-1), PS-11-1.0 (280-32741-2), PS-12-0.25 (280-32741-3), PS-12-1.0 (280-32741-4), PS-13-0.25

Job ID: 280-32741-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

(280-32741-5), PS-13-1.0 (280-32741-6), PS-14-0.25 (280-32741-7), PS-14-1.0 (280-32741-8), PS-15-0.25 (280-32741-9), PS-15-1.0 (280-32741-10), PS-26-0.25 (280-32741-33), PS-26-1.0 (280-32741-34), PS-27-0.25 (280-32741-35), PS-27-1.0 (280-32741-36), PS-28-0.25 (280-32741-31), PS-28-1.0 (280-32741-32), PS-29-0.25 (280-32741-37), PS-29-1.0 (280-32741-38), PS-30-0.25 (280-32741-39), PS-30-1.0 (280-32741-40), PS-31-0.25 (280-32741-43), PS-31-1.0 (280-32741-44), PS-32-0.25 (280-32741-45), PS-32-1.0 (280-32741-46), PS-33-0.25 (280-32741-41), PS-33-1.0 (280-32741-42), PS-34-0.25 (280-32741-47), PS-34-1.0 (280-32741-48), PS-37-0.25 (280-32741-49), PS-37-1.0 (280-32741-50), PS-57-0.25 (280-32741-99), PS-57-1.0 (280-32741-100), PS-60-0.25 (280-32741-107), PS-60-1.0 (280-32741-108), PS-63-0.25 (280-32741-105), PS-63-1.0 (280-32741-106), PS-64-0.25 (280-32741-103), PS-64-1.0 (280-32741-104), PS-65-0.25 (280-32741-101), PS-65-1.0 (280-32741-102), (280-32741-91 MS), (280-32741-91 MSD), (LCS 280-135505/2-A), (LCS 280-135669/2-A), (MB 280-135505/1-A), (MB 280-135669/1-A), PS-18-0.25 (280-32741-15), PS-20-0.25 (280-32741-19), PS-23-0.25 (280-32741-25), PS-23-1.0 (280-32741-26), PS-25-0.25 (280-32741-29), PS-56-0.25 (280-32741-91), PS-56-1.0 (280-32741-92), PS-58-1.0 (280-32741-98), PS-59-0.25 (280-32741-95), PS-59-1.0 (280-32741-96), PS-60-0.25 (280-32741-93), PS-60-1.0 (280-32741-94), WC-082912 (280-32741-109), (280-32741-51 MS), (280-32741-51 MSD), (280-32741-71 MS), (280-32741-71 MSD), (LCS 280-135615/2-A), (LCS 280-135642/2-A), (MB 280-135615/1-A), (MB 280-135642/1-A), PS-35-0.25 (280-32741-53), PS-35-1.0 (280-32741-54), PS-36-0.25 (280-32741-51), PS-36-1.0 (280-32741-52), PS-38-0.25 (280-32741-55), PS-38-1.0 (280-32741-56), PS-39-0.25 (280-32741-57), PS-39-1.0 (280-32741-58), PS-40-0.25 (280-32741-61), PS-40-1.0 (280-32741-62), PS-41-0.25 (280-32741-59), PS-41-1.0 (280-32741-60), PS-42-0.25 (280-32741-63), PS-42-1.0 (280-32741-64), PS-43-0.25 (280-32741-65), PS-43-1.0 (280-32741-66), PS-44-0.25 (280-32741-67), PS-44-1.0 (280-32741-68), PS-45-0.25 (280-32741-71), PS-45-1.0 (280-32741-72), PS-46-0.25 (280-32741-73), PS-46-1.0 (280-32741-74), PS-47-0.25 (280-32741-69), PS-47-1.0 (280-32741-70), PS-48-0.25 (280-32741-79), PS-48-1.0 (280-32741-80), PS-49-1.0 (280-32741-82), PS-50-0.25 (280-32741-83), PS-50-1.0 (280-32741-84), PS-51-0.25 (280-32741-85), PS-51-1.0 (280-32741-86), PS-52-0.25 (280-32741-87), PS-52-1.0 (280-32741-88), PS-53-0.25 (280-32741-75), PS-53-1.0 (280-32741-76), PS-54-1.0 (280-32741-78), PS-55-0.25 (280-32741-89), PS-55-1.0 (280-32741-90) and PS-58-0.25 (280-32741-97).

The following samples were diluted due to the nature of the sample matrix. Additionally, running the extracts undiluted caused the bracketing CCVs to recover below the established control criteria on two previous attempts: (280-32741-51 MS), (280-32741-51 MSD), (280-32741-71 MS), (280-32741-71 MSD), (CCV 280-137789/21), PS-35-0.25 (280-32741-53), PS-35-1.0 (280-32741-54), PS-36-0.25 (280-32741-51), PS-36-1.0 (280-32741-52), PS-38-0.25 (280-32741-55), PS-38-1.0 (280-32741-56), PS-39-0.25 (280-32741-57), PS-39-1.0 (280-32741-58), PS-40-0.25 (280-32741-61), PS-40-1.0 (280-32741-62), PS-41-0.25 (280-32741-59), PS-41-1.0 (280-32741-60), PS-42-0.25 (280-32741-63), PS-42-1.0 (280-32741-64), PS-43-0.25 (280-32741-65), PS-43-1.0 (280-32741-66), PS-44-0.25 (280-32741-67), PS-44-1.0 (280-32741-68), PS-45-0.25 (280-32741-71), PS-45-1.0 (280-32741-72), PS-46-0.25 (280-32741-73), PS-46-1.0 (280-32741-74), PS-47-0.25 (280-32741-69), PS-47-1.0 (280-32741-70), PS-48-0.25 (280-32741-79), PS-48-1.0 (280-32741-80), PS-49-1.0 (280-32741-82), PS-50-0.25 (280-32741-83), PS-50-1.0 (280-32741-84), PS-51-0.25 (280-32741-85), PS-51-1.0 (280-32741-86), PS-52-0.25 (280-32741-87), PS-52-1.0 (280-32741-88), PS-53-0.25 (280-32741-75), PS-53-1.0 (280-32741-76), PS-54-1.0 (280-32741-78) and PS-55-0.25 (280-32741-89). As such, the surrogate recovery could not be accurately calculated, because the extract was diluted beyond the ability to quantitate a recovery. Elevated reporting limits (RLs) are provided.

The following samples were diluted due to the abundance of target analytes: PS-59-0.25 (280-32741-95), PS-55-1.0 (280-32741-90) and PS-58-0.25 (280-32741-97). As such, the surrogate recovery could not be calculated because the extract was diluted beyond the ability to quantitate a recovery. Elevated reporting limits (RLs) are provided.

In order to preserve the integrity of the sample instrumentation and decrease the risk of contamination, the following samples were diluted due to the nature of the sample matrix. It was noted; the extracts were opaque black and remained light yellow after multiple acid clean-ups: PS-17-0.25 (280-32741-13) and PS-22-0.25 (280-32741-23). As such, the surrogate recovery could not be calculated because the extract was diluted beyond the ability to quantitate a recovery. Elevated reporting limits (RLs) are provided.

The surrogate recovery could not be accurately calculated for samples PS-23-1.0 (280-32741-26), PS-30-0.25 (280-32741-39) and PS-60-0.25 (280-32741-107), because the extract was diluted beyond the ability to quantitate a recovery.

Surrogate DCB Decachlorobiphenyl and/or Tetrachloro-m-xylene were recovered outside control limits in the following samples: PS-17-1.0 (280-32741-14), PS-18-1.0 (280-32741-16), PS-24-0.25 (280-32741-27), and PS-24-1.0 (280-32741-28). This anomaly is due to obvious matrix interferences supported by chromatogram data; therefore, corrective action is deemed unnecessary. Sample data should be considered biased low. It was noted; the extract was amber in color, somewhat oily, and required multiple acid clean-ups.

Surrogate DCB Decachlorobiphenyl was recovered below control limits in the following samples: PS-18-0.25 (280-32741-15), PS-20-0.25

Job ID: 280-32741-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

(280-32741-19), PS-23-0.25 (280-32741-25), PS-25-0.25 (280-32741-29), and WC-082912 (280-32741-109). This anomaly is due to obvious matrix interferences supported by chromatogram data; therefore, corrective action is deemed unnecessary.

The following sample required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: (LCS 280-135506/2-A), (MB 280-135506/1-A) and PS-32-1.0 (280-32741-46).

The following sample contained PCBs at a concentration greater than 50ppm: PS-60-0.25 (280-32741-107).

The following samples contained more than one Aroclor component: PS-29-1.0 (280-32741-38), PS-30-0.25 (280-32741-39), PS-32-1.0 (280-32741-46), PS-57-0.25 (280-32741-99), PS-60-0.25 (280-32741-107), PS-63-0.25 (280-32741-105), PS-64-0.25 (280-32741-103), PS-58-1.0 (280-32741-98), PS-59-0.25 (280-32741-95), PS-60-0.25 (280-32741-93), PS-60-1.0 (280-32741-94) and WC-082912 (280-32741-109). Results are estimated due to shared peaks.

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-137789 were performed on PS-36-0.25 (280-32741-51) and exhibited recoveries outside control limits for PCB-1260. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other difficulties were encountered.

PERCENT SOLIDS

No difficulties were encountered.

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
X	Surrogate is outside control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-11-0.25 — Lab Sample ID: 280-32741-1

No Detections

Client Sample ID: PS-11-1.0 — Lab Sample ID: 280-32741-2

No Detections

Client Sample ID: PS-12-0.25 — Lab Sample ID: 280-32741-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	7.0	J	34	2.7	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	7.0	J	34	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-12-1.0 — Lab Sample ID: 280-32741-4

No Detections

Client Sample ID: PS-13-0.25 — Lab Sample ID: 280-32741-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	49		33	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	49		33	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-13-1.0 — Lab Sample ID: 280-32741-6

No Detections

Client Sample ID: PS-14-0.25 — Lab Sample ID: 280-32741-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	270		67	5.4	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	270		67	5.4	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PS-14-1.0 — Lab Sample ID: 280-32741-8

No Detections

Client Sample ID: PS-15-0.25 — Lab Sample ID: 280-32741-9

No Detections

Client Sample ID: PS-15-1.0 — Lab Sample ID: 280-32741-10

No Detections

Client Sample ID: PS-16-0.25 — Lab Sample ID: 280-32741-11

No Detections

Client Sample ID: PS-16-1.0 — Lab Sample ID: 280-32741-12

No Detections

Client Sample ID: PS-17-0.25 — Lab Sample ID: 280-32741-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	560		360	29	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PS-17-0.25 (Continued) — Lab Sample ID: 280-32741-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Polychlorinated biphenyls, Total	560		360	29	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PS-17-1.0 — Lab Sample ID: 280-32741-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	47		37	3.0	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	47		37	3.0	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-18-0.25 — Lab Sample ID: 280-32741-15

No Detections

Client Sample ID: PS-18-1.0 — Lab Sample ID: 280-32741-16

No Detections

Client Sample ID: PS-19-0.25 — Lab Sample ID: 280-32741-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	12	J	36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	12	J	36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-19-1.0 — Lab Sample ID: 280-32741-18

No Detections

Client Sample ID: PS-20-0.25 — Lab Sample ID: 280-32741-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	160		68	5.5	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	160		68	5.5	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PS-20-1.0 — Lab Sample ID: 280-32741-20

No Detections

Client Sample ID: PS-21-0.25 — Lab Sample ID: 280-32741-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	64		38	3.1	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	64		38	3.1	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-21-1.0 — Lab Sample ID: 280-32741-22

No Detections

Client Sample ID: PS-22-0.25 — Lab Sample ID: 280-32741-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1200		360	29	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1200		360	29	ug/Kg	10	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-22-1.0 — Lab Sample ID: 280-32741-24

No Detections

Client Sample ID: PS-23-0.25 — Lab Sample ID: 280-32741-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	370		77	6.2	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	370		77	6.2	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PS-23-1.0 — Lab Sample ID: 280-32741-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	850		200	16	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	850		200	16	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-24-0.25 — Lab Sample ID: 280-32741-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	72		37	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	72		37	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-24-1.0 — Lab Sample ID: 280-32741-28

No Detections

Client Sample ID: PS-25-0.25 — Lab Sample ID: 280-32741-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	76		66	5.3	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	76		66	5.3	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PS-25-1.0 — Lab Sample ID: 280-32741-30

No Detections

Client Sample ID: PS-28-0.25 — Lab Sample ID: 280-32741-31

No Detections

Client Sample ID: PS-28-1.0 — Lab Sample ID: 280-32741-32

No Detections

Client Sample ID: PS-26-0.25 — Lab Sample ID: 280-32741-33

No Detections

Client Sample ID: PS-26-1.0 — Lab Sample ID: 280-32741-34

No Detections

Client Sample ID: PS-27-0.25 — Lab Sample ID: 280-32741-35

No Detections

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-27-1.0 — Lab Sample ID: 280-32741-36

No Detections

Client Sample ID: PS-29-0.25 — Lab Sample ID: 280-32741-37

No Detections

Client Sample ID: PS-29-1.0 — Lab Sample ID: 280-32741-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	63		35	5.8	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	270		35	2.8	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	330		35	2.8	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-30-0.25 — Lab Sample ID: 280-32741-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	140		130	22	ug/Kg	4	☼	8082A	Total/NA
PCB-1260	410		130	11	ug/Kg	4	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	550		130	11	ug/Kg	4	☼	8082A	Total/NA

Client Sample ID: PS-30-1.0 — Lab Sample ID: 280-32741-40

No Detections

Client Sample ID: PS-33-0.25 — Lab Sample ID: 280-32741-41

No Detections

Client Sample ID: PS-33-1.0 — Lab Sample ID: 280-32741-42

No Detections

Client Sample ID: PS-31-0.25 — Lab Sample ID: 280-32741-43

No Detections

Client Sample ID: PS-31-1.0 — Lab Sample ID: 280-32741-44

No Detections

Client Sample ID: PS-32-0.25 — Lab Sample ID: 280-32741-45

No Detections

Client Sample ID: PS-32-1.0 — Lab Sample ID: 280-32741-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	11	J	35	5.9	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	7.5	J	35	2.8	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	19	J	35	2.8	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-34-0.25 — Lab Sample ID: 280-32741-47

No Detections

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-34-1.0 — Lab Sample ID: 280-32741-48

No Detections

Client Sample ID: PS-37-0.25 — Lab Sample ID: 280-32741-49

No Detections

Client Sample ID: PS-37-1.0 — Lab Sample ID: 280-32741-50

No Detections

Client Sample ID: PS-36-0.25 — Lab Sample ID: 280-32741-51

No Detections

Client Sample ID: PS-36-1.0 — Lab Sample ID: 280-32741-52

No Detections

Client Sample ID: PS-35-0.25 — Lab Sample ID: 280-32741-53

No Detections

Client Sample ID: PS-35-1.0 — Lab Sample ID: 280-32741-54

No Detections

Client Sample ID: PS-38-0.25 — Lab Sample ID: 280-32741-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	45	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	45	J	160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-38-1.0 — Lab Sample ID: 280-32741-56

No Detections

Client Sample ID: PS-39-0.25 — Lab Sample ID: 280-32741-57

No Detections

Client Sample ID: PS-39-1.0 — Lab Sample ID: 280-32741-58

No Detections

Client Sample ID: PS-41-0.25 — Lab Sample ID: 280-32741-59

No Detections

Client Sample ID: PS-41-1.0 — Lab Sample ID: 280-32741-60

No Detections

Client Sample ID: PS-40-0.25 — Lab Sample ID: 280-32741-61

No Detections

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-40-1.0 — Lab Sample ID: 280-32741-62

No Detections

Client Sample ID: PS-42-0.25 — Lab Sample ID: 280-32741-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	30	J	190	15	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	30	J	190	15	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-42-1.0 — Lab Sample ID: 280-32741-64

No Detections

Client Sample ID: PS-43-0.25 — Lab Sample ID: 280-32741-65

No Detections

Client Sample ID: PS-43-1.0 — Lab Sample ID: 280-32741-66

No Detections

Client Sample ID: PS-44-0.25 — Lab Sample ID: 280-32741-67

No Detections

Client Sample ID: PS-44-1.0 — Lab Sample ID: 280-32741-68

No Detections

Client Sample ID: PS-47-0.25 — Lab Sample ID: 280-32741-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	27	J	170	14	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	27	J	170	14	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-47-1.0 — Lab Sample ID: 280-32741-70

No Detections

Client Sample ID: PS-45-0.25 — Lab Sample ID: 280-32741-71

No Detections

Client Sample ID: PS-45-1.0 — Lab Sample ID: 280-32741-72

No Detections

Client Sample ID: PS-46-0.25 — Lab Sample ID: 280-32741-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	24	J	160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-46-1.0 — Lab Sample ID: 280-32741-74

No Detections

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-53-0.25 — Lab Sample ID: 280-32741-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	41	J	180	15	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	41	J	180	15	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-53-1.0 — Lab Sample ID: 280-32741-76

No Detections

Client Sample ID: PS-54-0.25 — Lab Sample ID: 280-32741-77

No Detections

Client Sample ID: PS-54-1.0 — Lab Sample ID: 280-32741-78

No Detections

Client Sample ID: PS-48-0.25 — Lab Sample ID: 280-32741-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	230		190	15	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	230		190	15	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-48-1.0 — Lab Sample ID: 280-32741-80

No Detections

Client Sample ID: PS-49-0.25 — Lab Sample ID: 280-32741-81

No Detections

Client Sample ID: PS-49-1.0 — Lab Sample ID: 280-32741-82

No Detections

Client Sample ID: PS-50-0.25 — Lab Sample ID: 280-32741-83

No Detections

Client Sample ID: PS-50-1.0 — Lab Sample ID: 280-32741-84

No Detections

Client Sample ID: PS-51-0.25 — Lab Sample ID: 280-32741-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	110	J	180	14	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	110	J	180	14	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-51-1.0 — Lab Sample ID: 280-32741-86

No Detections

Client Sample ID: PS-52-0.25 — Lab Sample ID: 280-32741-87

No Detections

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-52-1.0 — Lab Sample ID: 280-32741-88

No Detections

Client Sample ID: PS-55-0.25 — Lab Sample ID: 280-32741-89

No Detections

Client Sample ID: PS-55-1.0 — Lab Sample ID: 280-32741-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	560		350	28	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	560		350	28	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PS-56-0.25 — Lab Sample ID: 280-32741-91

No Detections

Client Sample ID: PS-56-1.0 — Lab Sample ID: 280-32741-92

No Detections

Client Sample ID: PS-60-0.25 — Lab Sample ID: 280-32741-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	130		36	6.0	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	110		36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	240		36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-60-1.0 — Lab Sample ID: 280-32741-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	420		73	12	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	340		73	5.9	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	760		73	5.9	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PS-59-0.25 — Lab Sample ID: 280-32741-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	1100		180	30	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	670		180	14	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1800		180	14	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-59-1.0 — Lab Sample ID: 280-32741-96

No Detections

Client Sample ID: PS-58-0.25 — Lab Sample ID: 280-32741-97

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	1800		340	56	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1800		340	27	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PS-58-1.0 — Lab Sample ID: 280-32741-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	54		36	6.0	ug/Kg	1	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-58-1.0 (Continued) — Lab Sample ID: 280-32741-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	93		36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	150		36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-57-0.25 — Lab Sample ID: 280-32741-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	300		68	11	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	130		68	5.4	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	430		68	5.4	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PS-57-1.0 — Lab Sample ID: 280-32741-100

No Detections

Client Sample ID: PS-65-0.25 — Lab Sample ID: 280-32741-101

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	11	J	33	5.5	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	11	J	33	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-65-1.0 — Lab Sample ID: 280-32741-102

No Detections

Client Sample ID: PS-64-0.25 — Lab Sample ID: 280-32741-103

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	200		36	6.0	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	100		36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	300		36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-64-1.0 — Lab Sample ID: 280-32741-104

No Detections

Client Sample ID: PS-63-0.25 — Lab Sample ID: 280-32741-105

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	24	J	36	5.9	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	14	J	36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	38		36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-63-1.0 — Lab Sample ID: 280-32741-106

No Detections

Client Sample ID: PS-60-0.25 — Lab Sample ID: 280-32741-107

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	120000		36000	6000	ug/Kg	1000	☼	8082A	Total/NA
PCB-1260	40000		36000	2900	ug/Kg	1000	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	160000		36000	2900	ug/Kg	1000	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-60-1.0 — Lab Sample ID: 280-32741-108

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	120		36	6.0	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	44		36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	170		36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: WC-082912 — Lab Sample ID: 280-32741-109

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	280		66	11	ug/Kg	2	☼	8082A	Total/NA
PCB-1260	260		66	5.3	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	540		66	5.3	ug/Kg	2	☼	8082A	Total/NA

Method Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL DEN
Moisture	Percent Moisture	EPA	TAL DEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-32741-1	PS-11-0.25	Solid	08/27/12 11:00	08/30/12 09:30
280-32741-2	PS-11-1.0	Solid	08/27/12 11:00	08/30/12 09:30
280-32741-3	PS-12-0.25	Solid	08/27/12 11:30	08/30/12 09:30
280-32741-4	PS-12-1.0	Solid	08/27/12 11:30	08/30/12 09:30
280-32741-5	PS-13-0.25	Solid	08/27/12 11:50	08/30/12 09:30
280-32741-6	PS-13-1.0	Solid	08/27/12 11:50	08/30/12 09:30
280-32741-7	PS-14-0.25	Solid	08/27/12 12:00	08/30/12 09:30
280-32741-8	PS-14-1.0	Solid	08/27/12 12:00	08/30/12 09:30
280-32741-9	PS-15-0.25	Solid	08/27/12 12:25	08/30/12 09:30
280-32741-10	PS-15-1.0	Solid	08/27/12 12:25	08/30/12 09:30
280-32741-11	PS-16-0.25	Solid	08/27/12 12:55	08/30/12 09:30
280-32741-12	PS-16-1.0	Solid	08/27/12 12:55	08/30/12 09:30
280-32741-13	PS-17-0.25	Solid	08/27/12 13:40	08/30/12 09:30
280-32741-14	PS-17-1.0	Solid	08/27/12 13:40	08/30/12 09:30
280-32741-15	PS-18-0.25	Solid	08/27/12 13:50	08/30/12 09:30
280-32741-16	PS-18-1.0	Solid	08/27/12 13:50	08/30/12 09:30
280-32741-17	PS-19-0.25	Solid	08/27/12 14:00	08/30/12 09:30
280-32741-18	PS-19-1.0	Solid	08/27/12 14:00	08/30/12 09:30
280-32741-19	PS-20-0.25	Solid	08/27/12 14:35	08/30/12 09:30
280-32741-20	PS-20-1.0	Solid	08/27/12 14:35	08/30/12 09:30
280-32741-21	PS-21-0.25	Solid	08/27/12 14:45	08/30/12 09:30
280-32741-22	PS-21-1.0	Solid	08/27/12 14:45	08/30/12 09:30
280-32741-23	PS-22-0.25	Solid	08/27/12 14:55	08/30/12 09:30
280-32741-24	PS-22-1.0	Solid	08/27/12 14:55	08/30/12 09:30
280-32741-25	PS-23-0.25	Solid	08/27/12 15:05	08/30/12 09:30
280-32741-26	PS-23-1.0	Solid	08/27/12 15:05	08/30/12 09:30
280-32741-27	PS-24-0.25	Solid	08/27/12 15:20	08/30/12 09:30
280-32741-28	PS-24-1.0	Solid	08/27/12 15:20	08/30/12 09:30
280-32741-29	PS-25-0.25	Solid	08/27/12 15:30	08/30/12 09:30
280-32741-30	PS-25-1.0	Solid	08/27/12 15:30	08/30/12 09:30
280-32741-31	PS-28-0.25	Solid	08/27/12 15:40	08/30/12 09:30
280-32741-32	PS-28-1.0	Solid	08/27/12 15:40	08/30/12 09:30
280-32741-33	PS-26-0.25	Solid	08/28/12 07:20	08/30/12 09:30
280-32741-34	PS-26-1.0	Solid	08/28/12 07:20	08/30/12 09:30
280-32741-35	PS-27-0.25	Solid	08/28/12 07:30	08/30/12 09:30
280-32741-36	PS-27-1.0	Solid	08/28/12 07:30	08/30/12 09:30
280-32741-37	PS-29-0.25	Solid	08/28/12 07:40	08/30/12 09:30
280-32741-38	PS-29-1.0	Solid	08/28/12 07:40	08/30/12 09:30
280-32741-39	PS-30-0.25	Solid	08/28/12 07:55	08/30/12 09:30
280-32741-40	PS-30-1.0	Solid	08/28/12 07:55	08/30/12 09:30
280-32741-41	PS-33-0.25	Solid	08/28/12 08:05	08/30/12 09:30
280-32741-42	PS-33-1.0	Solid	08/28/12 08:05	08/30/12 09:30
280-32741-43	PS-31-0.25	Solid	08/28/12 08:15	08/30/12 09:30
280-32741-44	PS-31-1.0	Solid	08/28/12 08:15	08/30/12 09:30
280-32741-45	PS-32-0.25	Solid	08/28/12 08:25	08/30/12 09:30
280-32741-46	PS-32-1.0	Solid	08/28/12 08:25	08/30/12 09:30
280-32741-47	PS-34-0.25	Solid	08/28/12 08:35	08/30/12 09:30
280-32741-48	PS-34-1.0	Solid	08/28/12 08:35	08/30/12 09:30
280-32741-49	PS-37-0.25	Solid	08/28/12 08:50	08/30/12 09:30
280-32741-50	PS-37-1.0	Solid	08/28/12 08:50	08/30/12 09:30
280-32741-51	PS-36-0.25	Solid	08/28/12 09:00	08/30/12 09:30
280-32741-52	PS-36-1.0	Solid	08/28/12 09:00	08/30/12 09:30
280-32741-53	PS-35-0.25	Solid	08/28/12 09:10	08/30/12 09:30
280-32741-54	PS-35-1.0	Solid	08/28/12 09:10	08/30/12 09:30

Sample Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-32741-55	PS-38-0.25	Solid	08/28/12 09:20	08/30/12 09:30
280-32741-56	PS-38-1.0	Solid	08/28/12 09:20	08/30/12 09:30
280-32741-57	PS-39-0.25	Solid	08/28/12 09:35	08/30/12 09:30
280-32741-58	PS-39-1.0	Solid	08/28/12 09:35	08/30/12 09:30
280-32741-59	PS-41-0.25	Solid	08/28/12 09:45	08/30/12 09:30
280-32741-60	PS-41-1.0	Solid	08/28/12 09:45	08/30/12 09:30
280-32741-61	PS-40-0.25	Solid	08/28/12 10:15	08/30/12 09:30
280-32741-62	PS-40-1.0	Solid	08/28/12 10:15	08/30/12 09:30
280-32741-63	PS-42-0.25	Solid	08/28/12 10:45	08/30/12 09:30
280-32741-64	PS-42-1.0	Solid	08/28/12 10:45	08/30/12 09:30
280-32741-65	PS-43-0.25	Solid	08/28/12 11:05	08/30/12 09:30
280-32741-66	PS-43-1.0	Solid	08/28/12 11:05	08/30/12 09:30
280-32741-67	PS-44-0.25	Solid	08/28/12 11:15	08/30/12 09:30
280-32741-68	PS-44-1.0	Solid	08/28/12 11:15	08/30/12 09:30
280-32741-69	PS-47-0.25	Solid	08/28/12 11:30	08/30/12 09:30
280-32741-70	PS-47-1.0	Solid	08/28/12 11:30	08/30/12 09:30
280-32741-71	PS-45-0.25	Solid	08/28/12 12:30	08/30/12 09:30
280-32741-72	PS-45-1.0	Solid	08/28/12 12:30	08/30/12 09:30
280-32741-73	PS-46-0.25	Solid	08/28/12 12:40	08/30/12 09:30
280-32741-74	PS-46-1.0	Solid	08/28/12 12:40	08/30/12 09:30
280-32741-75	PS-53-0.25	Solid	08/28/12 12:55	08/30/12 09:30
280-32741-76	PS-53-1.0	Solid	08/28/12 12:55	08/30/12 09:30
280-32741-77	PS-54-0.25	Solid	08/28/12 13:05	08/30/12 09:30
280-32741-78	PS-54-1.0	Solid	08/28/12 13:05	08/30/12 09:30
280-32741-79	PS-48-0.25	Solid	08/28/12 13:25	08/30/12 09:30
280-32741-80	PS-48-1.0	Solid	08/28/12 13:25	08/30/12 09:30
280-32741-81	PS-49-0.25	Solid	08/28/12 13:35	08/30/12 09:30
280-32741-82	PS-49-1.0	Solid	08/28/12 13:35	08/30/12 09:30
280-32741-83	PS-50-0.25	Solid	08/28/12 13:50	08/30/12 09:30
280-32741-84	PS-50-1.0	Solid	08/28/12 13:50	08/30/12 09:30
280-32741-85	PS-51-0.25	Solid	08/28/12 14:05	08/30/12 09:30
280-32741-86	PS-51-1.0	Solid	08/28/12 14:05	08/30/12 09:30
280-32741-87	PS-52-0.25	Solid	08/28/12 14:20	08/30/12 09:30
280-32741-88	PS-52-1.0	Solid	08/28/12 14:20	08/30/12 09:30
280-32741-89	PS-55-0.25	Solid	08/28/12 14:30	08/30/12 09:30
280-32741-90	PS-55-1.0	Solid	08/28/12 14:30	08/30/12 09:30
280-32741-91	PS-56-0.25	Solid	08/28/12 14:50	08/30/12 09:30
280-32741-92	PS-56-1.0	Solid	08/28/12 14:50	08/30/12 09:30
280-32741-93	PS-60-0.25	Solid	08/28/12 15:05	08/30/12 09:30
280-32741-94	PS-60-1.0	Solid	08/28/12 15:05	08/30/12 09:30
280-32741-95	PS-59-0.25	Solid	08/27/12 15:10	08/30/12 09:30
280-32741-96	PS-59-1.0	Solid	08/27/12 15:10	08/30/12 09:30
280-32741-97	PS-58-0.25	Solid	08/27/12 15:20	08/30/12 09:30
280-32741-98	PS-58-1.0	Solid	08/27/12 15:20	08/30/12 09:30
280-32741-99	PS-57-0.25	Solid	08/23/12 10:00	08/30/12 09:30
280-32741-100	PS-57-1.0	Solid	08/23/12 10:15	08/30/12 09:30
280-32741-101	PS-65-0.25	Solid	08/23/12 11:00	08/30/12 09:30
280-32741-102	PS-65-1.0	Solid	08/23/12 11:20	08/30/12 09:30
280-32741-103	PS-64-0.25	Solid	08/23/12 11:30	08/30/12 09:30
280-32741-104	PS-64-1.0	Solid	08/23/12 11:45	08/30/12 09:30
280-32741-105	PS-63-0.25	Solid	08/23/12 13:30	08/30/12 09:30
280-32741-106	PS-63-1.0	Solid	08/23/12 13:55	08/30/12 09:30
280-32741-107	PS-60-0.25	Solid	08/23/12 14:00	08/30/12 09:30
280-32741-108	PS-60-1.0	Solid	08/23/12 14:15	08/30/12 09:30

Sample Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-32741-109	WC-082912	Solid	08/28/12 08:16	08/30/12 09:30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-11-0.25 — **Lab Sample ID: 280-32741-1**
Date Collected: 08/27/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1232	ND		36	5.5	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1242	ND		36	9.9	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1254	ND		36	6.0	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1260	ND		36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1
Polychlorinated biphenyls, Total	ND		36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*53 - 128*	*09/02/12 08:50*	*09/14/12 23:45*	*1*
DCB Decachlorobiphenyl	*68*		*59 - 130*	*09/02/12 08:50*	*09/14/12 23:45*	*1*

Client Sample ID: PS-11-1.0 — **Lab Sample ID: 280-32741-2**
Date Collected: 08/27/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	15	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1016	ND		33	5.1	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1232	ND		33	5.1	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1242	ND		33	9.1	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1248	ND		33	5.6	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1254	ND		33	5.5	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1260	ND		33	2.6	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1262	ND		33	12	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
PCB-1268	ND		33	3.9	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1
Polychlorinated biphenyls, Total	ND		33	2.6	ug/Kg	☼	09/02/12 08:50	09/15/12 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*53 - 128*	*09/02/12 08:50*	*09/15/12 00:57*	*1*
DCB Decachlorobiphenyl	*59*		*59 - 130*	*09/02/12 08:50*	*09/15/12 00:57*	*1*

Client Sample ID: PS-12-0.25 — **Lab Sample ID: 280-32741-3**
Date Collected: 08/27/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1016	ND		34	5.2	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1232	ND		34	5.2	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1242	ND		34	9.3	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1248	ND		34	5.8	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1254	ND		34	5.7	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1260	**7.0**	**J**	34	2.7	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
PCB-1268	ND		34	4.0	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1
Polychlorinated biphenyls, Total	**7.0**	**J**	34	2.7	ug/Kg	☼	09/02/12 08:50	09/15/12 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*53 - 128*	*09/02/12 08:50*	*09/15/12 01:20*	*1*
DCB Decachlorobiphenyl	*62*		*59 - 130*	*09/02/12 08:50*	*09/15/12 01:20*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-12-1.0 — **Lab Sample ID: 280-32741-4**
Date Collected: 08/27/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1016	ND		33	5.1	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1232	ND		33	5.2	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1242	ND		33	9.2	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1248	ND		33	5.7	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1254	ND		33	5.6	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1260	ND		33	2.7	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1262	ND		33	12	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
PCB-1268	ND		33	4.0	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1
Polychlorinated biphenyls, Total	ND		33	2.7	ug/Kg	☼	09/02/12 08:50	09/15/12 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*53 - 128*	*09/02/12 08:50*	*09/15/12 01:44*	*1*
DCB Decachlorobiphenyl	*71*		*59 - 130*	*09/02/12 08:50*	*09/15/12 01:44*	*1*

Client Sample ID: PS-13-0.25 — **Lab Sample ID: 280-32741-5**
Date Collected: 08/27/12 11:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 94.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1016	ND		33	5.0	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1232	ND		33	5.1	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1242	ND		33	9.0	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1248	ND		33	5.5	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1254	ND		33	5.4	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1260	**49**		33	2.6	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1262	ND		33	11	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
PCB-1268	ND		33	3.9	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1
Polychlorinated biphenyls, Total	**49**		33	2.6	ug/Kg	☼	09/02/12 08:50	09/15/12 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*53 - 128*	*09/02/12 08:50*	*09/15/12 02:31*	*1*
DCB Decachlorobiphenyl	*68*		*59 - 130*	*09/02/12 08:50*	*09/15/12 02:31*	*1*

Client Sample ID: PS-13-1.0 — **Lab Sample ID: 280-32741-6**
Date Collected: 08/27/12 11:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1232	ND		36	5.5	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1242	ND		36	9.8	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1248	ND		36	6.0	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1254	ND		36	5.9	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1260	ND		36	2.9	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1
Polychlorinated biphenyls, Total	ND		36	2.9	ug/Kg	☼	09/02/12 08:50	09/15/12 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*53 - 128*	*09/02/12 08:50*	*09/15/12 02:55*	*1*
DCB Decachlorobiphenyl	*71*		*59 - 130*	*09/02/12 08:50*	*09/15/12 02:55*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-14-0.25 — **Lab Sample ID: 280-32741-7**
Date Collected: 08/27/12 12:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		96	32	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1016	ND		67	10	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1232	ND		67	10	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1242	ND		67	19	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1248	ND		67	11	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1254	ND		67	11	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1260	**270**		67	5.4	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1262	ND		67	24	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
PCB-1268	ND		67	8.1	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2
Polychlorinated biphenyls, Total	**270**		67	5.4	ug/Kg	☼	09/02/12 08:50	09/15/12 03:19	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*53 - 128*	*09/02/12 08:50*	*09/15/12 03:19*	*2*
DCB Decachlorobiphenyl	*68*		*59 - 130*	*09/02/12 08:50*	*09/15/12 03:19*	*2*

Client Sample ID: PS-14-1.0 — **Lab Sample ID: 280-32741-8**
Date Collected: 08/27/12 12:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1016	ND		33	5.0	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1232	ND		33	5.0	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1242	ND		33	9.0	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1248	ND		33	5.5	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1254	ND		33	5.4	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1260	ND		33	2.6	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1262	ND		33	11	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
PCB-1268	ND		33	3.9	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1
Polychlorinated biphenyls, Total	ND		33	2.6	ug/Kg	☼	09/02/12 08:50	09/15/12 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*53 - 128*	*09/02/12 08:50*	*09/15/12 03:42*	*1*
DCB Decachlorobiphenyl	*76*		*59 - 130*	*09/02/12 08:50*	*09/15/12 03:42*	*1*

Client Sample ID: PS-15-0.25 — **Lab Sample ID: 280-32741-9**
Date Collected: 08/27/12 12:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1016	ND		34	5.3	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1232	ND		34	5.3	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1242	ND		34	9.4	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1248	ND		34	5.8	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1254	ND		34	5.7	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
PCB-1268	ND		34	4.1	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 08:50	09/15/12 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*53 - 128*	*09/02/12 08:50*	*09/15/12 04:06*	*1*
DCB Decachlorobiphenyl	*74*		*59 - 130*	*09/02/12 08:50*	*09/15/12 04:06*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-15-1.0 — **Lab Sample ID: 280-32741-10**
Date Collected: 08/27/12 12:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1016	ND		36	5.6	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1242	ND		36	10	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1254	ND		36	6.0	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1260	ND		36	2.9	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1
Polychlorinated biphenyls, Total	ND		36	2.9	ug/Kg	☼	09/02/12 08:50	09/15/12 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*53 - 128*	*09/02/12 08:50*	*09/15/12 04:30*	*1*
DCB Decachlorobiphenyl	*75*		*59 - 130*	*09/02/12 08:50*	*09/15/12 04:30*	*1*

Client Sample ID: PS-16-0.25 — **Lab Sample ID: 280-32741-11**
Date Collected: 08/27/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1016	ND		34	5.2	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1232	ND		34	5.3	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1242	ND		34	9.4	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1248	ND		34	5.8	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1254	ND		34	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
PCB-1268	ND		34	4.1	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 09:45	09/10/12 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*53 - 128*	*09/02/12 09:45*	*09/10/12 17:54*	*1*
DCB Decachlorobiphenyl	*81*		*59 - 130*	*09/02/12 09:45*	*09/10/12 17:54*	*1*

Client Sample ID: PS-16-1.0 — **Lab Sample ID: 280-32741-12**
Date Collected: 08/27/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1016	ND		37	5.8	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1232	ND		37	5.8	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1248	ND		37	6.3	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1254	ND		37	6.2	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
PCB-1268	ND		37	4.5	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*53 - 128*	*09/02/12 09:45*	*09/10/12 19:27*	*1*
DCB Decachlorobiphenyl	*79*		*59 - 130*	*09/02/12 09:45*	*09/10/12 19:27*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-17-0.25 — **Lab Sample ID: 280-32741-13**
Date Collected: 08/27/12 13:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 87.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		510	170	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1016	ND		360	55	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1232	ND		360	55	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1242	ND		360	99	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1248	ND		360	61	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1254	ND		360	60	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1260	**560**		360	29	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1262	ND		360	130	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
PCB-1268	ND		360	43	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10
Polychlorinated biphenyls, Total	**560**		360	29	ug/Kg	☼	09/02/12 09:45	09/10/12 19:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*D*	*53 - 128*	*09/02/12 09:45*	*09/10/12 19:50*	*10*
DCB Decachlorobiphenyl	*0*	*D*	*59 - 130*	*09/02/12 09:45*	*09/10/12 19:50*	*10*

Client Sample ID: PS-17-1.0 — **Lab Sample ID: 280-32741-14**
Date Collected: 08/27/12 13:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		52	17	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1016	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1232	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1248	ND		37	6.2	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1254	ND		37	6.1	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1260	**47**		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
PCB-1268	ND		37	4.4	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1
Polychlorinated biphenyls, Total	**47**		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*53 - 128*	*09/02/12 09:45*	*09/10/12 20:13*	*1*
DCB Decachlorobiphenyl	*57*	*X*	*59 - 130*	*09/02/12 09:45*	*09/10/12 20:13*	*1*

Client Sample ID: PS-18-0.25 — **Lab Sample ID: 280-32741-15**
Date Collected: 08/27/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		97	32	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1016	ND		68	10	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1232	ND		68	11	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1242	ND		68	19	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1248	ND		68	12	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1254	ND		68	11	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1260	ND		68	5.5	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1262	ND		68	24	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
PCB-1268	ND		68	8.1	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2
Polychlorinated biphenyls, Total	ND		68	5.5	ug/Kg	☼	09/02/12 09:45	09/14/12 10:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*53 - 128*	*09/02/12 09:45*	*09/14/12 10:06*	*2*
DCB Decachlorobiphenyl	*34*	*X*	*59 - 130*	*09/02/12 09:45*	*09/14/12 10:06*	*2*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-18-1.0 — **Lab Sample ID: 280-32741-16**
Date Collected: 08/27/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1016	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1232	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1248	ND		37	6.3	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1254	ND		37	6.2	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
PCB-1268	ND		37	4.4	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*53 - 128*	*09/02/12 09:45*	*09/10/12 20:59*	*1*
DCB Decachlorobiphenyl	*58*	*X*	*59 - 130*	*09/02/12 09:45*	*09/10/12 20:59*	*1*

Client Sample ID: PS-19-0.25 — **Lab Sample ID: 280-32741-17**
Date Collected: 08/27/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1242	ND		36	9.9	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1254	ND		36	6.0	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1260	**12**	**J**	36	2.9	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1
Polychlorinated biphenyls, Total	**12**	**J**	36	2.9	ug/Kg	☼	09/02/12 09:45	09/10/12 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*53 - 128*	*09/02/12 09:45*	*09/10/12 21:22*	*1*
DCB Decachlorobiphenyl	*73*		*59 - 130*	*09/02/12 09:45*	*09/10/12 21:22*	*1*

Client Sample ID: PS-19-1.0 — **Lab Sample ID: 280-32741-18**
Date Collected: 08/27/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1016	ND		33	5.1	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1232	ND		33	5.2	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1242	ND		33	9.2	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1248	ND		33	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1254	ND		33	5.6	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1260	ND		33	2.7	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1262	ND		33	12	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
PCB-1268	ND		33	4.0	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1
Polychlorinated biphenyls, Total	ND		33	2.7	ug/Kg	☼	09/02/12 09:45	09/10/12 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*53 - 128*	*09/02/12 09:45*	*09/10/12 21:45*	*1*
DCB Decachlorobiphenyl	*78*		*59 - 130*	*09/02/12 09:45*	*09/10/12 21:45*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-20-0.25 — **Lab Sample ID: 280-32741-19**
Date Collected: 08/27/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		98	32	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1016	ND		68	11	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1232	ND		68	11	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1242	ND		68	19	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1248	ND		68	12	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1254	ND		68	11	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1260	**160**		68	5.5	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1262	ND		68	24	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
PCB-1268	ND		68	8.2	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2
Polychlorinated biphenyls, Total	**160**		68	5.5	ug/Kg	☼	09/02/12 09:45	09/14/12 10:27	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*53 - 128*	*09/02/12 09:45*	*09/14/12 10:27*	*2*
DCB Decachlorobiphenyl	*38*	*X*	*59 - 130*	*09/02/12 09:45*	*09/14/12 10:27*	*2*

Client Sample ID: PS-20-1.0 — **Lab Sample ID: 280-32741-20**
Date Collected: 08/27/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		52	17	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1016	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1232	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1248	ND		37	6.3	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1254	ND		37	6.2	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
PCB-1268	ND		37	4.4	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*53 - 128*	*09/02/12 09:45*	*09/10/12 22:31*	*1*
DCB Decachlorobiphenyl	*70*		*59 - 130*	*09/02/12 09:45*	*09/10/12 22:31*	*1*

Client Sample ID: PS-21-0.25 — **Lab Sample ID: 280-32741-21**
Date Collected: 08/27/12 14:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		55	18	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1016	ND		38	5.9	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1232	ND		38	6.0	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1242	ND		38	11	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1248	ND		38	6.5	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1254	ND		38	6.4	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1260	**64**		38	3.1	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1262	ND		38	14	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
PCB-1268	ND		38	4.6	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1
Polychlorinated biphenyls, Total	**64**		38	3.1	ug/Kg	☼	09/02/12 09:45	09/10/12 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*53 - 128*	*09/02/12 09:45*	*09/10/12 22:54*	*1*
DCB Decachlorobiphenyl	*77*		*59 - 130*	*09/02/12 09:45*	*09/10/12 22:54*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-21-1.0 — **Lab Sample ID: 280-32741-22**
Date Collected: 08/27/12 14:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		54	18	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1016	ND		38	5.9	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1232	ND		38	5.9	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1242	ND		38	10	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1248	ND		38	6.5	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1254	ND		38	6.3	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1260	ND		38	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1262	ND		38	13	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
PCB-1268	ND		38	4.5	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1
Polychlorinated biphenyls, Total	ND		38	3.0	ug/Kg	☼	09/02/12 09:45	09/10/12 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*53 - 128*	*09/02/12 09:45*	*09/10/12 23:17*	*1*
DCB Decachlorobiphenyl	*80*		*59 - 130*	*09/02/12 09:45*	*09/10/12 23:17*	*1*

Client Sample ID: PS-22-0.25 — **Lab Sample ID: 280-32741-23**
Date Collected: 08/27/12 14:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		510	170	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1016	ND		360	55	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1232	ND		360	56	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1242	ND		360	99	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1248	ND		360	61	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1254	ND		360	60	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1260	**1200**		360	29	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1262	ND		360	130	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
PCB-1268	ND		360	43	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10
Polychlorinated biphenyls, Total	**1200**		360	29	ug/Kg	☼	09/02/12 09:45	09/10/12 23:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*	*D*	*53 - 128*	*09/02/12 09:45*	*09/10/12 23:40*	*10*
DCB Decachlorobiphenyl	*72*	*D*	*59 - 130*	*09/02/12 09:45*	*09/10/12 23:40*	*10*

Client Sample ID: PS-22-1.0 — **Lab Sample ID: 280-32741-24**
Date Collected: 08/27/12 14:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1242	ND		36	9.9	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1254	ND		36	6.0	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1260	ND		36	2.9	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1
Polychlorinated biphenyls, Total	ND		36	2.9	ug/Kg	☼	09/02/12 09:45	09/11/12 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*53 - 128*	*09/02/12 09:45*	*09/11/12 00:03*	*1*
DCB Decachlorobiphenyl	*81*		*59 - 130*	*09/02/12 09:45*	*09/11/12 00:03*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-23-0.25 — **Lab Sample ID: 280-32741-25**
Date Collected: 08/27/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		110	36	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1016	ND		77	12	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1232	ND		77	12	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1242	ND		77	21	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1248	ND		77	13	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1254	ND		77	13	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1260	**370**		77	6.2	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1262	ND		77	27	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
PCB-1268	ND		77	9.2	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2
Polychlorinated biphenyls, Total	**370**		77	6.2	ug/Kg	☼	09/02/12 09:45	09/14/12 10:48	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*53 - 128*	*09/02/12 09:45*	*09/14/12 10:48*	*2*
DCB Decachlorobiphenyl	*45*	*X*	*59 - 130*	*09/02/12 09:45*	*09/14/12 10:48*	*2*

Client Sample ID: PS-23-1.0 — **Lab Sample ID: 280-32741-26**
Date Collected: 08/27/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		280	93	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1016	ND		200	30	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1232	ND		200	30	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1242	ND		200	54	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1248	ND		200	33	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1254	ND		200	33	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1260	**850**		200	16	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1262	ND		200	69	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
PCB-1268	ND		200	23	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5
Polychlorinated biphenyls, Total	**850**		200	16	ug/Kg	☼	09/02/12 09:45	09/14/12 11:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*	*D*	*53 - 128*	*09/02/12 09:45*	*09/14/12 11:09*	*5*
DCB Decachlorobiphenyl	*46*	*D*	*59 - 130*	*09/02/12 09:45*	*09/14/12 11:09*	*5*

Client Sample ID: PS-24-0.25 — **Lab Sample ID: 280-32741-27**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		52	17	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1016	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1232	ND		37	5.7	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1248	ND		37	6.2	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1254	ND		37	6.1	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1260	**72**		37	2.9	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
PCB-1268	ND		37	4.4	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1
Polychlorinated biphenyls, Total	**72**		37	2.9	ug/Kg	☼	09/02/12 09:45	09/11/12 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*52*	*X*	*53 - 128*	*09/02/12 09:45*	*09/11/12 01:12*	*1*
DCB Decachlorobiphenyl	*34*	*X*	*59 - 130*	*09/02/12 09:45*	*09/11/12 01:12*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-24-1.0 — **Lab Sample ID: 280-32741-28**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		56	19	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1016	ND		40	6.1	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1232	ND		40	6.1	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1242	ND		40	11	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1248	ND		40	6.7	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1254	ND		40	6.6	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1260	ND		40	3.2	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1262	ND		40	14	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
PCB-1268	ND		40	4.7	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1
Polychlorinated biphenyls, Total	ND		40	3.2	ug/Kg	☼	09/02/12 09:45	09/11/12 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*53 - 128*	*09/02/12 09:45*	*09/11/12 01:36*	*1*
DCB Decachlorobiphenyl	*43*	*X*	*59 - 130*	*09/02/12 09:45*	*09/11/12 01:36*	*1*

Client Sample ID: PS-25-0.25 — **Lab Sample ID: 280-32741-29**
Date Collected: 08/27/12 15:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		93	31	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1016	ND		66	10	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1232	ND		66	10	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1242	ND		66	18	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1248	ND		66	11	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1254	ND		66	11	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1260	**76**		66	5.3	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1262	ND		66	23	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
PCB-1268	ND		66	7.9	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2
Polychlorinated biphenyls, Total	**76**		66	5.3	ug/Kg	☼	09/02/12 09:45	09/14/12 11:30	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*53 - 128*	*09/02/12 09:45*	*09/14/12 11:30*	*2*
DCB Decachlorobiphenyl	*52*	*X*	*59 - 130*	*09/02/12 09:45*	*09/14/12 11:30*	*2*

Client Sample ID: PS-25-1.0 — **Lab Sample ID: 280-32741-30**
Date Collected: 08/27/12 15:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		54	18	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1016	ND		38	5.9	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1232	ND		38	5.9	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1242	ND		38	11	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1248	ND		38	6.5	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1254	ND		38	6.4	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1260	ND		38	3.1	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1262	ND		38	13	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
PCB-1268	ND		38	4.6	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1
Polychlorinated biphenyls, Total	ND		38	3.1	ug/Kg	☼	09/02/12 09:45	09/11/12 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*53 - 128*	*09/02/12 09:45*	*09/11/12 02:22*	*1*
DCB Decachlorobiphenyl	*74*		*59 - 130*	*09/02/12 09:45*	*09/11/12 02:22*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-28-0.25 — **Lab Sample ID: 280-32741-31**
Date Collected: 08/27/12 15:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		52	17	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1016	ND		37	5.7	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1232	ND		37	5.7	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1248	ND		37	6.3	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1254	ND		37	6.2	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
PCB-1268	ND		37	4.4	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/02/12 12:05	09/14/12 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*53 - 128*	*09/02/12 12:05*	*09/14/12 14:17*	*1*
DCB Decachlorobiphenyl	*89*		*59 - 130*	*09/02/12 12:05*	*09/14/12 14:17*	*1*

Client Sample ID: PS-28-1.0 — **Lab Sample ID: 280-32741-32**
Date Collected: 08/27/12 15:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1016	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1232	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1242	ND		34	9.4	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1248	ND		34	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1254	ND		34	5.7	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
PCB-1268	ND		34	4.1	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*53 - 128*	*09/02/12 12:05*	*09/14/12 15:28*	*1*
DCB Decachlorobiphenyl	*93*		*59 - 130*	*09/02/12 12:05*	*09/14/12 15:28*	*1*

Client Sample ID: PS-26-0.25 — **Lab Sample ID: 280-32741-33**
Date Collected: 08/28/12 07:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 94.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1016	ND		34	5.2	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1232	ND		34	5.2	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1242	ND		34	9.3	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1248	ND		34	5.7	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1254	ND		34	5.6	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
PCB-1268	ND		34	4.0	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*53 - 128*	*09/02/12 12:05*	*09/14/12 15:52*	*1*
DCB Decachlorobiphenyl	*80*		*59 - 130*	*09/02/12 12:05*	*09/14/12 15:52*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-26-1.0 — **Lab Sample ID: 280-32741-34**
Date Collected: 08/28/12 07:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1016	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1232	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1242	ND		34	9.4	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1248	ND		34	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1254	ND		34	5.7	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
PCB-1268	ND		34	4.1	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*53 - 128*	*09/02/12 12:05*	*09/14/12 16:16*	*1*
DCB Decachlorobiphenyl	*84*		*59 - 130*	*09/02/12 12:05*	*09/14/12 16:16*	*1*

Client Sample ID: PS-27-0.25 — **Lab Sample ID: 280-32741-35**
Date Collected: 08/28/12 07:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 96.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1016	ND		32	4.9	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1232	ND		32	4.9	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1242	ND		32	8.8	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1248	ND		32	5.4	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1254	ND		32	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1260	ND		32	2.6	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1262	ND		32	11	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
PCB-1268	ND		32	3.8	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1
Polychlorinated biphenyls, Total	ND		32	2.6	ug/Kg	☼	09/02/12 12:05	09/14/12 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*53 - 128*	*09/02/12 12:05*	*09/14/12 16:39*	*1*
DCB Decachlorobiphenyl	*81*		*59 - 130*	*09/02/12 12:05*	*09/14/12 16:39*	*1*

Client Sample ID: PS-27-1.0 — **Lab Sample ID: 280-32741-36**
Date Collected: 08/28/12 07:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1016	ND		32	5.0	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1232	ND		32	5.0	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1242	ND		32	8.9	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1248	ND		32	5.5	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1254	ND		32	5.4	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1260	ND		32	2.6	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1262	ND		32	11	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
PCB-1268	ND		32	3.9	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1
Polychlorinated biphenyls, Total	ND		32	2.6	ug/Kg	☼	09/02/12 12:05	09/14/12 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*53 - 128*	*09/02/12 12:05*	*09/14/12 17:03*	*1*
DCB Decachlorobiphenyl	*91*		*59 - 130*	*09/02/12 12:05*	*09/14/12 17:03*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-29-0.25 — **Lab Sample ID: 280-32741-37**
Date Collected: 08/28/12 07:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 96.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1016	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1232	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1242	ND		34	9.4	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1248	ND		34	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1254	ND		34	5.7	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
PCB-1268	ND		34	4.1	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 12:05	09/14/12 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*53 - 128*	*09/02/12 12:05*	*09/14/12 17:50*	*1*
DCB Decachlorobiphenyl	*71*		*59 - 130*	*09/02/12 12:05*	*09/14/12 17:50*	*1*

Client Sample ID: PS-29-1.0 — **Lab Sample ID: 280-32741-38**
Date Collected: 08/28/12 07:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1016	ND		35	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1232	ND		35	5.4	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1242	ND		35	9.6	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1248	ND		35	5.9	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1254	**63**		35	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1260	**270**		35	2.8	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1262	ND		35	12	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
PCB-1268	ND		35	4.2	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1
Polychlorinated biphenyls, Total	**330**		35	2.8	ug/Kg	☼	09/02/12 12:05	09/14/12 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*53 - 128*	*09/02/12 12:05*	*09/14/12 18:14*	*1*
DCB Decachlorobiphenyl	*75*		*59 - 130*	*09/02/12 12:05*	*09/14/12 18:14*	*1*

Client Sample ID: PS-30-0.25 — **Lab Sample ID: 280-32741-39**
Date Collected: 08/28/12 07:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		190	63	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1016	ND		130	20	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1232	ND		130	21	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1242	ND		130	37	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1248	ND		130	23	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1254	**140**		130	22	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1260	**410**		130	11	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1262	ND		130	47	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
PCB-1268	ND		130	16	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4
Polychlorinated biphenyls, Total	**550**		130	11	ug/Kg	☼	09/02/12 12:05	09/15/12 11:45	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*	*D*	*53 - 128*	*09/02/12 12:05*	*09/15/12 11:45*	*4*
DCB Decachlorobiphenyl	*32*	*D*	*59 - 130*	*09/02/12 12:05*	*09/15/12 11:45*	*4*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-30-1.0 — **Lab Sample ID: 280-32741-40**
Date Collected: 08/28/12 07:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		56	19	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1016	ND		39	6.1	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1232	ND		39	6.1	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1242	ND		39	11	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1248	ND		39	6.7	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1254	ND		39	6.6	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1260	ND		39	3.2	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1262	ND		39	14	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
PCB-1268	ND		39	4.7	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1
Polychlorinated biphenyls, Total	ND		39	3.2	ug/Kg	☼	09/02/12 12:05	09/14/12 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*53 - 128*	*09/02/12 12:05*	*09/14/12 19:01*	*1*
DCB Decachlorobiphenyl	*68*		*59 - 130*	*09/02/12 12:05*	*09/14/12 19:01*	*1*

Client Sample ID: PS-33-0.25 — **Lab Sample ID: 280-32741-41**
Date Collected: 08/28/12 08:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1016	ND		33	5.1	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1232	ND		33	5.1	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1242	ND		33	9.1	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1248	ND		33	5.6	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1254	ND		33	5.5	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1260	ND		33	2.6	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1262	ND		33	12	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
PCB-1268	ND		33	3.9	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1
Polychlorinated biphenyls, Total	ND		33	2.6	ug/Kg	☼	09/02/12 12:05	09/14/12 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*53 - 128*	*09/02/12 12:05*	*09/14/12 19:25*	*1*
DCB Decachlorobiphenyl	*80*		*59 - 130*	*09/02/12 12:05*	*09/14/12 19:25*	*1*

Client Sample ID: PS-33-1.0 — **Lab Sample ID: 280-32741-42**
Date Collected: 08/28/12 08:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 82.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		55	18	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1016	ND		39	6.0	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1232	ND		39	6.0	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1242	ND		39	11	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1248	ND		39	6.6	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1254	ND		39	6.5	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1260	ND		39	3.1	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1262	ND		39	14	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
PCB-1268	ND		39	4.6	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1
Polychlorinated biphenyls, Total	ND		39	3.1	ug/Kg	☼	09/02/12 12:05	09/14/12 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*53 - 128*	*09/02/12 12:05*	*09/14/12 19:49*	*1*
DCB Decachlorobiphenyl	*89*		*59 - 130*	*09/02/12 12:05*	*09/14/12 19:49*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-31-0.25 — **Lab Sample ID: 280-32741-43**
Date Collected: 08/28/12 08:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1016	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1232	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1242	ND		34	9.5	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1248	ND		34	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1254	ND		34	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1260	ND		34	2.8	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
PCB-1268	ND		34	4.1	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1
Polychlorinated biphenyls, Total	ND		34	2.8	ug/Kg	☼	09/02/12 12:05	09/14/12 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*53 - 128*	*09/02/12 12:05*	*09/14/12 20:12*	*1*
DCB Decachlorobiphenyl	*76*		*59 - 130*	*09/02/12 12:05*	*09/14/12 20:12*	*1*

Client Sample ID: PS-31-1.0 — **Lab Sample ID: 280-32741-44**
Date Collected: 08/28/12 08:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		54	18	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1016	ND		38	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1232	ND		38	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1242	ND		38	10	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1248	ND		38	6.4	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1254	ND		38	6.3	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1260	ND		38	3.0	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1262	ND		38	13	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
PCB-1268	ND		38	4.5	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1
Polychlorinated biphenyls, Total	ND		38	3.0	ug/Kg	☼	09/02/12 12:05	09/14/12 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*53 - 128*	*09/02/12 12:05*	*09/14/12 20:36*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 130*	*09/02/12 12:05*	*09/14/12 20:36*	*1*

Client Sample ID: PS-32-0.25 — **Lab Sample ID: 280-32741-45**
Date Collected: 08/28/12 08:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1242	ND		36	9.9	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1254	ND		36	6.0	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1260	ND		36	2.9	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1
Polychlorinated biphenyls, Total	ND		36	2.9	ug/Kg	☼	09/02/12 12:05	09/14/12 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*53 - 128*	*09/02/12 12:05*	*09/14/12 21:00*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 130*	*09/02/12 12:05*	*09/14/12 21:00*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-32-1.0 — **Lab Sample ID: 280-32741-46**
Date Collected: 08/28/12 08:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		50	17	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1016	ND		35	5.5	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1232	ND		35	5.5	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1242	ND		35	9.8	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1248	ND		35	6.0	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1254	**11**	**J**	35	5.9	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1260	**7.5**	**J**	35	2.8	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1262	ND		35	12	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
PCB-1268	ND		35	4.2	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1
Polychlorinated biphenyls, Total	**19**	**J**	35	2.8	ug/Kg	☼	09/02/12 12:05	09/15/12 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*53 - 128*	*09/02/12 12:05*	*09/15/12 12:56*	*1*
DCB Decachlorobiphenyl	*87*		*59 - 130*	*09/02/12 12:05*	*09/15/12 12:56*	*1*

Client Sample ID: PS-34-0.25 — **Lab Sample ID: 280-32741-47**
Date Collected: 08/28/12 08:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1016	ND		36	5.6	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1242	ND		36	10	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1254	ND		36	6.0	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1260	ND		36	2.9	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1
Polychlorinated biphenyls, Total	ND		36	2.9	ug/Kg	☼	09/02/12 12:05	09/14/12 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*53 - 128*	*09/02/12 12:05*	*09/14/12 22:11*	*1*
DCB Decachlorobiphenyl	*87*		*59 - 130*	*09/02/12 12:05*	*09/14/12 22:11*	*1*

Client Sample ID: PS-34-1.0 — **Lab Sample ID: 280-32741-48**
Date Collected: 08/28/12 08:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 82.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		56	19	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1016	ND		40	6.1	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1232	ND		40	6.1	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1242	ND		40	11	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1248	ND		40	6.7	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1254	ND		40	6.6	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1260	ND		40	3.2	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1262	ND		40	14	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
PCB-1268	ND		40	4.7	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1
Polychlorinated biphenyls, Total	ND		40	3.2	ug/Kg	☼	09/02/12 12:05	09/14/12 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*53 - 128*	*09/02/12 12:05*	*09/14/12 22:34*	*1*
DCB Decachlorobiphenyl	*97*		*59 - 130*	*09/02/12 12:05*	*09/14/12 22:34*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-37-0.25 — **Lab Sample ID: 280-32741-49**
Date Collected: 08/28/12 08:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1016	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1232	ND		34	5.3	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1242	ND		34	9.5	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1248	ND		34	5.9	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1254	ND		34	5.8	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1260	ND		34	2.8	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
PCB-1268	ND		34	4.1	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1
Polychlorinated biphenyls, Total	ND		34	2.8	ug/Kg	☼	09/02/12 12:05	09/14/12 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*53 - 128*	*09/02/12 12:05*	*09/14/12 22:58*	*1*
DCB Decachlorobiphenyl	*72*		*59 - 130*	*09/02/12 12:05*	*09/14/12 22:58*	*1*

Client Sample ID: PS-37-1.0 — **Lab Sample ID: 280-32741-50**
Date Collected: 08/28/12 08:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		55	18	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1016	ND		39	6.0	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1232	ND		39	6.0	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1242	ND		39	11	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1248	ND		39	6.6	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1254	ND		39	6.5	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1260	ND		39	3.1	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1262	ND		39	14	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
PCB-1268	ND		39	4.6	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1
Polychlorinated biphenyls, Total	ND		39	3.1	ug/Kg	☼	09/02/12 12:05	09/14/12 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*53 - 128*	*09/02/12 12:05*	*09/14/12 23:22*	*1*
DCB Decachlorobiphenyl	*86*		*59 - 130*	*09/02/12 12:05*	*09/14/12 23:22*	*1*

Client Sample ID: PS-36-0.25 — **Lab Sample ID: 280-32741-51**
Date Collected: 08/28/12 09:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	83	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1016	ND		180	27	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1232	ND		180	27	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1242	ND		180	48	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1248	ND		180	30	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1254	ND		180	29	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1260	ND		180	14	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1262	ND		180	62	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
PCB-1268	ND		180	21	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5
Polychlorinated biphenyls, Total	ND		180	14	ug/Kg	☼	09/04/12 17:37	09/17/12 11:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 11:22*	*5*
DCB Decachlorobiphenyl	*76*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 11:22*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-36-1.0 — **Lab Sample ID: 280-32741-52**
Date Collected: 08/28/12 09:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	91	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1262	ND		190	68	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 12:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 12:25*	*5*
DCB Decachlorobiphenyl	*85*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 12:25*	*5*

Client Sample ID: PS-35-0.25 — **Lab Sample ID: 280-32741-53**
Date Collected: 08/28/12 09:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	81	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1016	ND		170	27	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1232	ND		170	27	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1242	ND		170	48	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1248	ND		170	29	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1254	ND		170	29	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1260	ND		170	14	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1262	ND		170	60	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
PCB-1268	ND		170	21	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5
Polychlorinated biphenyls, Total	ND		170	14	ug/Kg	☼	09/04/12 17:37	09/17/12 12:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 12:47*	*5*
DCB Decachlorobiphenyl	*83*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 12:47*	*5*

Client Sample ID: PS-35-1.0 — **Lab Sample ID: 280-32741-54**
Date Collected: 08/28/12 09:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 89.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	82	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1016	ND		170	27	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1232	ND		170	27	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1242	ND		170	48	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1248	ND		170	30	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1254	ND		170	29	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1260	ND		170	14	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1262	ND		170	61	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
PCB-1268	ND		170	21	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5
Polychlorinated biphenyls, Total	ND		170	14	ug/Kg	☼	09/04/12 17:37	09/17/12 13:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 13:08*	*5*
DCB Decachlorobiphenyl	*87*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 13:08*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-38-0.25 — **Lab Sample ID: 280-32741-55**
Date Collected: 08/28/12 09:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	77	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1016	ND		160	25	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1232	ND		160	25	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1242	ND		160	45	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1248	ND		160	28	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1254	ND		160	27	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1260	**45**	**J**	160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1262	ND		160	57	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
PCB-1268	ND		160	20	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5
Polychlorinated biphenyls, Total	**45**	**J**	160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 13:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 13:29*	*5*
DCB Decachlorobiphenyl	*49*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 13:29*	*5*

Client Sample ID: PS-38-1.0 — **Lab Sample ID: 280-32741-56**
Date Collected: 08/28/12 09:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	91	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1260	ND		190	16	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1262	ND		190	68	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5
Polychlorinated biphenyls, Total	ND		190	16	ug/Kg	☼	09/04/12 17:37	09/17/12 13:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 13:50*	*5*
DCB Decachlorobiphenyl	*87*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 13:50*	*5*

Client Sample ID: PS-39-0.25 — **Lab Sample ID: 280-32741-57**
Date Collected: 08/28/12 09:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	79	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1016	ND		170	26	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1232	ND		170	26	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1242	ND		170	46	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1248	ND		170	28	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1254	ND		170	28	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1260	ND		170	13	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1262	ND		170	59	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
PCB-1268	ND		170	20	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5
Polychlorinated biphenyls, Total	ND		170	13	ug/Kg	☼	09/04/12 17:37	09/17/12 14:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 14:11*	*5*
DCB Decachlorobiphenyl	*81*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 14:11*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-39-1.0 — **Lab Sample ID: 280-32741-58**
Date Collected: 08/28/12 09:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 82.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	90	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1016	ND		190	29	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1248	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1262	ND		190	67	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 14:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 14:32*	*5*
DCB Decachlorobiphenyl	*89*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 14:32*	*5*

Client Sample ID: PS-41-0.25 — **Lab Sample ID: 280-32741-59**
Date Collected: 08/28/12 09:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	78	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1016	ND		160	25	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1232	ND		160	26	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1242	ND		160	46	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1248	ND		160	28	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1254	ND		160	28	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1260	ND		160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1262	ND		160	58	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
PCB-1268	ND		160	20	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5
Polychlorinated biphenyls, Total	ND		160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 14:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*127*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 14:53*	*5*
DCB Decachlorobiphenyl	*83*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 14:53*	*5*

Client Sample ID: PS-41-1.0 — **Lab Sample ID: 280-32741-60**
Date Collected: 08/28/12 09:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	90	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1262	ND		190	67	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 15:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 15:14*	*5*
DCB Decachlorobiphenyl	*89*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 15:14*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-40-0.25 — **Lab Sample ID: 280-32741-61**
Date Collected: 08/28/12 10:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	90	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1262	ND		190	67	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 15:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 15:35*	*5*
DCB Decachlorobiphenyl	*68*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 15:35*	*5*

Client Sample ID: PS-40-1.0 — **Lab Sample ID: 280-32741-62**
Date Collected: 08/28/12 10:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 79.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		280	91	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1260	ND		190	16	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1262	ND		190	68	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5
Polychlorinated biphenyls, Total	ND		190	16	ug/Kg	☼	09/04/12 17:37	09/17/12 15:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 15:56*	*5*
DCB Decachlorobiphenyl	*90*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 15:56*	*5*

Client Sample ID: PS-42-0.25 — **Lab Sample ID: 280-32741-63**
Date Collected: 08/28/12 10:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 82.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	90	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1260	**30**	**J**	190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1262	ND		190	67	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5
Polychlorinated biphenyls, Total	**30**	**J**	190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 16:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 16:17*	*5*
DCB Decachlorobiphenyl	*62*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 16:17*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-42-1.0 — **Lab Sample ID: 280-32741-64**
Date Collected: 08/28/12 10:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	86	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1242	ND		180	51	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1254	ND		180	31	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1260	ND		180	15	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1262	ND		180	64	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5
Polychlorinated biphenyls, Total	ND		180	15	ug/Kg	☼	09/04/12 17:37	09/17/12 16:38	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 16:38*	*5*
DCB Decachlorobiphenyl	*90*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 16:38*	*5*

Client Sample ID: PS-43-0.25 — **Lab Sample ID: 280-32741-65**
Date Collected: 08/28/12 11:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 94.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	77	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1016	ND		160	25	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1232	ND		160	25	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1242	ND		160	45	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1248	ND		160	28	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1254	ND		160	27	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1260	ND		160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1262	ND		160	57	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
PCB-1268	ND		160	20	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5
Polychlorinated biphenyls, Total	ND		160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 16:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 16:59*	*5*
DCB Decachlorobiphenyl	*71*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 16:59*	*5*

Client Sample ID: PS-43-1.0 — **Lab Sample ID: 280-32741-66**
Date Collected: 08/28/12 11:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	86	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1242	ND		180	50	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1254	ND		180	31	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1260	ND		180	15	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1262	ND		180	64	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5
Polychlorinated biphenyls, Total	ND		180	15	ug/Kg	☼	09/04/12 17:37	09/17/12 17:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 17:21*	*5*
DCB Decachlorobiphenyl	*86*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 17:21*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-44-0.25 — **Lab Sample ID: 280-32741-67**
Date Collected: 08/28/12 11:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	76	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1016	ND		160	25	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1232	ND		160	25	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1242	ND		160	45	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1248	ND		160	27	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1254	ND		160	27	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1260	ND		160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1262	ND		160	57	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
PCB-1268	ND		160	19	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5
Polychlorinated biphenyls, Total	ND		160	13	ug/Kg	☼	09/04/12 17:37	09/17/12 18:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 18:24*	*5*
DCB Decachlorobiphenyl	*88*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 18:24*	*5*

Client Sample ID: PS-44-1.0 — **Lab Sample ID: 280-32741-68**
Date Collected: 08/28/12 11:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	91	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1262	ND		190	68	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 17:37	09/17/12 18:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 18:45*	*5*
DCB Decachlorobiphenyl	*88*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 18:45*	*5*

Client Sample ID: PS-47-0.25 — **Lab Sample ID: 280-32741-69**
Date Collected: 08/28/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	80	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1016	ND		170	26	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1232	ND		170	26	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1242	ND		170	47	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1248	ND		170	29	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1254	ND		170	28	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1260	**27**	**J**	170	14	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1262	ND		170	59	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
PCB-1268	ND		170	20	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5
Polychlorinated biphenyls, Total	**27**	**J**	170	14	ug/Kg	☼	09/04/12 17:37	09/17/12 19:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 19:06*	*5*
DCB Decachlorobiphenyl	*89*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 19:06*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-47-1.0 — **Lab Sample ID: 280-32741-70**
Date Collected: 08/28/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	86	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1242	ND		180	51	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1254	ND		180	31	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1260	ND		180	15	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1262	ND		180	64	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5
Polychlorinated biphenyls, Total	ND		180	15	ug/Kg	☼	09/04/12 17:37	09/17/12 19:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*	*D*	*53 - 128*	*09/04/12 17:37*	*09/17/12 19:27*	*5*
DCB Decachlorobiphenyl	*92*	*D*	*59 - 130*	*09/04/12 17:37*	*09/17/12 19:27*	*5*

Client Sample ID: PS-45-0.25 — **Lab Sample ID: 280-32741-71**
Date Collected: 08/28/12 12:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 94.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	80	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1016	ND		170	26	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1232	ND		170	26	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1242	ND		170	47	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1248	ND		170	29	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1254	ND		170	28	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1260	ND		170	14	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1262	ND		170	59	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
PCB-1268	ND		170	20	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5
Polychlorinated biphenyls, Total	ND		170	14	ug/Kg	☼	09/04/12 18:56	09/17/12 20:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 20:30*	*5*
DCB Decachlorobiphenyl	*85*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 20:30*	*5*

Client Sample ID: PS-45-1.0 — **Lab Sample ID: 280-32741-72**
Date Collected: 08/28/12 12:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	82	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1016	ND		170	27	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1232	ND		170	27	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1242	ND		170	48	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1248	ND		170	29	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1254	ND		170	29	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1260	ND		170	14	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1262	ND		170	61	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
PCB-1268	ND		170	21	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5
Polychlorinated biphenyls, Total	ND		170	14	ug/Kg	☼	09/04/12 18:56	09/17/12 21:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 21:33*	*5*
DCB Decachlorobiphenyl	*84*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 21:33*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-46-0.25 — **Lab Sample ID: 280-32741-73**
Date Collected: 08/28/12 12:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	78	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1016	ND		160	25	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1232	ND		160	26	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1242	ND		160	46	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1248	ND		160	28	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1254	ND		160	28	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1260	**24**	**J**	160	13	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1262	ND		160	58	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
PCB-1268	ND		160	20	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5
Polychlorinated biphenyls, Total	**24**	**J**	160	13	ug/Kg	☼	09/04/12 18:56	09/17/12 21:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*187*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 21:54*	*5*
DCB Decachlorobiphenyl	*83*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 21:54*	*5*

Client Sample ID: PS-46-1.0 — **Lab Sample ID: 280-32741-74**
Date Collected: 08/28/12 12:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	84	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1016	ND		180	27	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1232	ND		180	27	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1242	ND		180	49	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1248	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1254	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1260	ND		180	14	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1262	ND		180	62	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
PCB-1268	ND		180	21	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5
Polychlorinated biphenyls, Total	ND		180	14	ug/Kg	☼	09/04/12 18:56	09/17/12 22:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*195*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 22:15*	*5*
DCB Decachlorobiphenyl	*86*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 22:15*	*5*

Client Sample ID: PS-53-0.25 — **Lab Sample ID: 280-32741-75**
Date Collected: 08/28/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	87	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1242	ND		180	51	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1254	ND		180	31	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1260	**41**	**J**	180	15	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1262	ND		180	65	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5
Polychlorinated biphenyls, Total	**41**	**J**	180	15	ug/Kg	☼	09/04/12 18:56	09/17/12 22:36	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*148*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 22:36*	*5*
DCB Decachlorobiphenyl	*91*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 22:36*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-53-1.0 — **Lab Sample ID: 280-32741-76**
Date Collected: 08/28/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 80.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		290	96	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1016	ND		200	31	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1232	ND		200	31	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1242	ND		200	56	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1248	ND		200	34	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1254	ND		200	34	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1260	ND		200	16	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1262	ND		200	71	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
PCB-1268	ND		200	24	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5
Polychlorinated biphenyls, Total	ND		200	16	ug/Kg	☼	09/04/12 18:56	09/17/12 22:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 22:57*	*5*
DCB Decachlorobiphenyl	*91*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 22:57*	*5*

Client Sample ID: PS-54-0.25 — **Lab Sample ID: 280-32741-77**
Date Collected: 08/28/12 13:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 89.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	86	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1242	ND		180	50	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1254	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1260	ND		180	15	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1262	ND		180	64	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5
Polychlorinated biphenyls, Total	ND		180	15	ug/Kg	☼	09/04/12 18:56	09/17/12 23:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 23:18*	*5*
DCB Decachlorobiphenyl	*76*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 23:18*	*5*

Client Sample ID: PS-54-1.0 — **Lab Sample ID: 280-32741-78**
Date Collected: 08/28/12 13:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	85	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1242	ND		180	50	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1254	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1260	ND		180	15	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1262	ND		180	64	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5
Polychlorinated biphenyls, Total	ND		180	15	ug/Kg	☼	09/04/12 18:56	09/17/12 23:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*	*D*	*53 - 128*	*09/04/12 18:56*	*09/17/12 23:39*	*5*
DCB Decachlorobiphenyl	*93*	*D*	*59 - 130*	*09/04/12 18:56*	*09/17/12 23:39*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-48-0.25 — **Lab Sample ID: 280-32741-79**
Date Collected: 08/28/12 13:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	89	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1016	ND		190	29	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1232	ND		190	29	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1242	ND		190	52	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1248	ND		190	32	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1260	**230**		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1262	ND		190	66	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5
Polychlorinated biphenyls, Total	**230**		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 00:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 00:00*	*5*
DCB Decachlorobiphenyl	*94*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 00:00*	*5*

Client Sample ID: PS-48-1.0 — **Lab Sample ID: 280-32741-80**
Date Collected: 08/28/12 13:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 80.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		280	93	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1016	ND		200	30	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1232	ND		200	31	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1242	ND		200	54	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1248	ND		200	34	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1254	ND		200	33	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1260	ND		200	16	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1262	ND		200	69	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
PCB-1268	ND		200	24	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5
Polychlorinated biphenyls, Total	ND		200	16	ug/Kg	☼	09/04/12 18:56	09/18/12 00:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 00:22*	*5*
DCB Decachlorobiphenyl	*92*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 00:22*	*5*

Client Sample ID: PS-49-0.25 — **Lab Sample ID: 280-32741-81**
Date Collected: 08/28/12 13:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	86	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1242	ND		180	50	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1254	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1260	ND		180	15	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1262	ND		180	64	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5
Polychlorinated biphenyls, Total	ND		180	15	ug/Kg	☼	09/04/12 18:56	09/18/12 00:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 00:43*	*5*
DCB Decachlorobiphenyl	*83*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 00:43*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-49-1.0 — **Lab Sample ID: 280-32741-82**
Date Collected: 08/28/12 13:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	89	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1016	ND		190	29	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1232	ND		190	29	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1242	ND		190	52	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1248	ND		190	32	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1254	ND		190	31	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1262	ND		190	66	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 01:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 01:04*	*5*
DCB Decachlorobiphenyl	*92*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 01:04*	*5*

Client Sample ID: PS-50-0.25 — **Lab Sample ID: 280-32741-83**
Date Collected: 08/28/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	91	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1016	ND		190	30	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1232	ND		190	30	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1242	ND		190	53	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1248	ND		190	33	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1254	ND		190	32	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1262	ND		190	68	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
PCB-1268	ND		190	23	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 02:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 02:07*	*5*
DCB Decachlorobiphenyl	*87*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 02:07*	*5*

Client Sample ID: PS-50-1.0 — **Lab Sample ID: 280-32741-84**
Date Collected: 08/28/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		260	85	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1016	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1232	ND		180	28	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1242	ND		180	50	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1248	ND		180	31	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1254	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1260	ND		180	14	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1262	ND		180	63	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
PCB-1268	ND		180	22	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5
Polychlorinated biphenyls, Total	ND		180	14	ug/Kg	☼	09/04/12 18:56	09/18/12 02:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 02:28*	*5*
DCB Decachlorobiphenyl	*92*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 02:28*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-51-0.25 — **Lab Sample ID: 280-32741-85**
Date Collected: 08/28/12 14:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	83	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1016	ND		180	27	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1232	ND		180	27	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1242	ND		180	49	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1248	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1254	ND		180	29	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1260	**110**	**J**	180	14	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1262	ND		180	62	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
PCB-1268	ND		180	21	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5
Polychlorinated biphenyls, Total	**110**	**J**	180	14	ug/Kg	☼	09/04/12 18:56	09/18/12 02:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 02:49*	*5*
DCB Decachlorobiphenyl	*77*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 02:49*	*5*

Client Sample ID: PS-51-1.0 — **Lab Sample ID: 280-32741-86**
Date Collected: 08/28/12 14:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		270	88	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1016	ND		190	29	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1232	ND		190	29	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1242	ND		190	52	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1248	ND		190	32	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1254	ND		190	31	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1260	ND		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1262	ND		190	66	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
PCB-1268	ND		190	22	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5
Polychlorinated biphenyls, Total	ND		190	15	ug/Kg	☼	09/04/12 18:56	09/18/12 03:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 03:10*	*5*
DCB Decachlorobiphenyl	*94*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 03:10*	*5*

Client Sample ID: PS-52-0.25 — **Lab Sample ID: 280-32741-87**
Date Collected: 08/28/12 14:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	79	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1016	ND		170	26	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1232	ND		170	26	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1242	ND		170	46	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1248	ND		170	28	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1254	ND		170	28	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1260	ND		170	13	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1262	ND		170	59	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
PCB-1268	ND		170	20	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5
Polychlorinated biphenyls, Total	ND		170	13	ug/Kg	☼	09/04/12 18:56	09/18/12 03:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 03:31*	*5*
DCB Decachlorobiphenyl	*65*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 03:31*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-52-1.0 — **Lab Sample ID: 280-32741-88**
Date Collected: 08/28/12 14:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		290	95	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1016	ND		200	31	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1232	ND		200	31	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1242	ND		200	56	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1248	ND		200	34	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1254	ND		200	34	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1260	ND		200	16	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1262	ND		200	71	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
PCB-1268	ND		200	24	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5
Polychlorinated biphenyls, Total	ND		200	16	ug/Kg	☼	09/04/12 18:56	09/18/12 03:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 03:52*	*5*
DCB Decachlorobiphenyl	*90*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 03:52*	*5*

Client Sample ID: PS-55-0.25 — **Lab Sample ID: 280-32741-89**
Date Collected: 08/28/12 14:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	79	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1016	ND		170	26	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1232	ND		170	26	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1242	ND		170	46	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1248	ND		170	28	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1254	ND		170	28	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1260	ND		170	13	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1262	ND		170	58	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
PCB-1268	ND		170	20	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5
Polychlorinated biphenyls, Total	ND		170	13	ug/Kg	☼	09/04/12 18:56	09/18/12 04:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 04:13*	*5*
DCB Decachlorobiphenyl	*74*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 04:13*	*5*

Client Sample ID: PS-55-1.0 — **Lab Sample ID: 280-32741-90**
Date Collected: 08/28/12 14:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 87.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		500	160	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1016	ND		350	54	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1232	ND		350	54	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1242	ND		350	96	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1248	ND		350	59	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1254	ND		350	58	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1260	**560**		350	28	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1262	ND		350	120	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
PCB-1268	ND		350	42	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10
Polychlorinated biphenyls, Total	**560**		350	28	ug/Kg	☼	09/04/12 18:56	09/18/12 04:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 04:34*	*10*
DCB Decachlorobiphenyl	*87*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 04:34*	*10*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-56-0.25 — **Lab Sample ID: 280-32741-91**
Date Collected: 08/28/12 14:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 94.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		50	17	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1016	ND		35	5.4	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1232	ND		35	5.4	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1242	ND		35	9.7	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1248	ND		35	6.0	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1254	ND		35	5.9	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1260	ND		35	2.8	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1262	ND		35	12	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
PCB-1268	ND		35	4.2	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1
Polychlorinated biphenyls, Total	ND		35	2.8	ug/Kg	☼	09/04/12 18:56	09/15/12 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*		*53 - 128*	*09/04/12 18:56*	*09/15/12 04:41*	*1*
DCB Decachlorobiphenyl	*59*		*59 - 130*	*09/04/12 18:56*	*09/15/12 04:41*	*1*

Client Sample ID: PS-56-1.0 — **Lab Sample ID: 280-32741-92**
Date Collected: 08/28/12 14:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1016	ND		37	5.7	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1232	ND		37	5.8	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1242	ND		37	10	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1248	ND		37	6.3	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1254	ND		37	6.2	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1262	ND		37	13	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
PCB-1268	ND		37	4.5	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/04/12 18:56	09/15/12 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*53 - 128*	*09/04/12 18:56*	*09/15/12 05:44*	*1*
DCB Decachlorobiphenyl	*82*		*59 - 130*	*09/04/12 18:56*	*09/15/12 05:44*	*1*

Client Sample ID: PS-60-0.25 — **Lab Sample ID: 280-32741-93**
Date Collected: 08/28/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1016	ND		36	5.6	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1242	ND		36	9.9	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1254	**130**		36	6.0	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1260	**110**		36	2.9	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1262	ND		36	13	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1
Polychlorinated biphenyls, Total	**240**		36	2.9	ug/Kg	☼	09/04/12 18:56	09/15/12 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*53 - 128*	*09/04/12 18:56*	*09/15/12 06:05*	*1*
DCB Decachlorobiphenyl	*79*		*59 - 130*	*09/04/12 18:56*	*09/15/12 06:05*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-60-1.0 — **Lab Sample ID: 280-32741-94**
Date Collected: 08/28/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 89.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		100	34	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1016	ND		73	11	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1232	ND		73	11	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1242	ND		73	20	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1248	ND		73	12	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1254	**420**		73	12	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1260	**340**		73	5.9	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1262	ND		73	26	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
PCB-1268	ND		73	8.7	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2
Polychlorinated biphenyls, Total	**760**		73	5.9	ug/Kg	☼	09/04/12 18:56	09/15/12 06:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*114*		*53 - 128*	*09/04/12 18:56*	*09/15/12 06:26*	*2*
DCB Decachlorobiphenyl	*80*		*59 - 130*	*09/04/12 18:56*	*09/15/12 06:26*	*2*

Client Sample ID: PS-59-0.25 — **Lab Sample ID: 280-32741-95**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	84	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1016	ND		180	27	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1232	ND		180	27	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1242	ND		180	49	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1248	ND		180	30	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1254	**1100**		180	30	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1260	**670**		180	14	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1262	ND		180	62	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
PCB-1268	ND		180	21	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5
Polychlorinated biphenyls, Total	**1800**		180	14	ug/Kg	☼	09/04/12 18:56	09/15/12 06:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*	*D*	*53 - 128*	*09/04/12 18:56*	*09/15/12 06:47*	*5*
DCB Decachlorobiphenyl	*75*	*D*	*59 - 130*	*09/04/12 18:56*	*09/15/12 06:47*	*5*

Client Sample ID: PS-59-1.0 — **Lab Sample ID: 280-32741-96**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1016	ND		37	5.8	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1232	ND		37	5.8	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1242	ND		37	10	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1248	ND		37	6.3	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1254	ND		37	6.2	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1262	ND		37	13	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
PCB-1268	ND		37	4.5	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/04/12 18:56	09/15/12 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*53 - 128*	*09/04/12 18:56*	*09/15/12 07:08*	*1*
DCB Decachlorobiphenyl	*100*		*59 - 130*	*09/04/12 18:56*	*09/15/12 07:08*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-58-0.25 — **Lab Sample ID: 280-32741-97**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		480	160	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1016	ND		340	52	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1232	ND		340	52	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1242	ND		340	93	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1248	ND		340	57	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1254	**1800**		340	56	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1260	ND		340	27	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1262	ND		340	120	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
PCB-1268	ND		340	40	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10
Polychlorinated biphenyls, Total	**1800**		340	27	ug/Kg	☼	09/04/12 18:56	09/18/12 04:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*	*D*	*53 - 128*	*09/04/12 18:56*	*09/18/12 04:55*	*10*
DCB Decachlorobiphenyl	*77*	*D*	*59 - 130*	*09/04/12 18:56*	*09/18/12 04:55*	*10*

Client Sample ID: PS-58-1.0 — **Lab Sample ID: 280-32741-98**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 89.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1232	ND		36	5.5	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1242	ND		36	9.8	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1254	**54**		36	6.0	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1260	**93**		36	2.9	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1262	ND		36	13	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1
Polychlorinated biphenyls, Total	**150**		36	2.9	ug/Kg	☼	09/04/12 18:56	09/15/12 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*		*53 - 128*	*09/04/12 18:56*	*09/15/12 07:50*	*1*
DCB Decachlorobiphenyl	*94*		*59 - 130*	*09/04/12 18:56*	*09/15/12 07:50*	*1*

Client Sample ID: PS-57-0.25 — **Lab Sample ID: 280-32741-99**
Date Collected: 08/23/12 10:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		96	32	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1016	ND		68	10	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1232	ND		68	11	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1242	ND		68	19	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1248	ND		68	12	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1254	**300**		68	11	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1260	**130**		68	5.4	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1262	ND		68	24	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
PCB-1268	ND		68	8.1	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2
Polychlorinated biphenyls, Total	**430**		68	5.4	ug/Kg	☼	09/02/12 08:50	09/14/12 06:01	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*53 - 128*	*09/02/12 08:50*	*09/14/12 06:01*	*2*
DCB Decachlorobiphenyl	*78*		*59 - 130*	*09/02/12 08:50*	*09/14/12 06:01*	*2*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-57-1.0 — **Lab Sample ID: 280-32741-100**
Date Collected: 08/23/12 10:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1016	ND		37	5.7	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1232	ND		37	5.8	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1248	ND		37	6.3	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1254	ND		37	6.2	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
PCB-1268	ND		37	4.4	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/02/12 08:50	09/14/12 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*53 - 128*	*09/02/12 08:50*	*09/14/12 06:24*	*1*
DCB Decachlorobiphenyl	*89*		*59 - 130*	*09/02/12 08:50*	*09/14/12 06:24*	*1*

Client Sample ID: PS-65-0.25 — **Lab Sample ID: 280-32741-101**
Date Collected: 08/23/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1016	ND		33	5.0	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1232	ND		33	5.1	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1242	ND		33	9.0	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1248	ND		33	5.5	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1254	**11**	**J**	33	5.5	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1260	ND		33	2.6	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1262	ND		33	11	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
PCB-1268	ND		33	3.9	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1
Polychlorinated biphenyls, Total	**11**	**J**	33	2.6	ug/Kg	☼	09/02/12 08:50	09/14/12 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*53 - 128*	*09/02/12 08:50*	*09/14/12 06:48*	*1*
DCB Decachlorobiphenyl	*97*		*59 - 130*	*09/02/12 08:50*	*09/14/12 06:48*	*1*

Client Sample ID: PS-65-1.0 — **Lab Sample ID: 280-32741-102**
Date Collected: 08/23/12 11:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1016	ND		34	5.2	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1232	ND		34	5.2	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1242	ND		34	9.3	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1248	ND		34	5.7	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1254	ND		34	5.6	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
PCB-1268	ND		34	4.0	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 08:50	09/14/12 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*53 - 128*	*09/02/12 08:50*	*09/14/12 07:11*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 130*	*09/02/12 08:50*	*09/14/12 07:11*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-64-0.25 — **Lab Sample ID: 280-32741-103**
Date Collected: 08/23/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1016	ND		36	5.6	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1242	ND		36	10	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1254	**200**		36	6.0	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1260	**100**		36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1
Polychlorinated biphenyls, Total	**300**		36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 07:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*53 - 128*	*09/02/12 08:50*	*09/14/12 07:35*	*1*
DCB Decachlorobiphenyl	*74*		*59 - 130*	*09/02/12 08:50*	*09/14/12 07:35*	*1*

Client Sample ID: PS-64-1.0 — **Lab Sample ID: 280-32741-104**
Date Collected: 08/23/12 11:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1016	ND		37	5.8	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1232	ND		37	5.8	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1242	ND		37	10	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1248	ND		37	6.4	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1254	ND		37	6.3	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1260	ND		37	3.0	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1262	ND		37	13	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
PCB-1268	ND		37	4.5	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	09/02/12 08:50	09/14/12 07:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*53 - 128*	*09/02/12 08:50*	*09/14/12 07:58*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 130*	*09/02/12 08:50*	*09/14/12 07:58*	*1*

Client Sample ID: PS-63-0.25 — **Lab Sample ID: 280-32741-105**
Date Collected: 08/23/12 13:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1232	ND		36	5.5	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1242	ND		36	9.8	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1248	ND		36	6.0	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1254	**24**	**J**	36	5.9	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1260	**14**	**J**	36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1262	ND		36	12	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
PCB-1268	ND		36	4.2	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1
Polychlorinated biphenyls, Total	**38**		36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*53 - 128*	*09/02/12 08:50*	*09/14/12 08:46*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 130*	*09/02/12 08:50*	*09/14/12 08:46*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-63-1.0 — **Lab Sample ID: 280-32741-106**
Date Collected: 08/23/12 13:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1016	ND		34	5.2	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1232	ND		34	5.2	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1242	ND		34	9.3	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1248	ND		34	5.7	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1254	ND		34	5.6	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1260	ND		34	2.7	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1262	ND		34	12	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
PCB-1268	ND		34	4.0	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1
Polychlorinated biphenyls, Total	ND		34	2.7	ug/Kg	☼	09/02/12 08:50	09/14/12 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*53 - 128*	*09/02/12 08:50*	*09/14/12 09:09*	*1*
DCB Decachlorobiphenyl	*93*		*59 - 130*	*09/02/12 08:50*	*09/14/12 09:09*	*1*

Client Sample ID: PS-60-0.25 — **Lab Sample ID: 280-32741-107**
Date Collected: 08/23/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51000	17000	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1016	ND		36000	5500	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1232	ND		36000	5600	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1242	ND		36000	9900	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1248	ND		36000	6100	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1254	**120000**		36000	6000	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1260	**40000**		36000	2900	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1262	ND		36000	13000	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
PCB-1268	ND		36000	4300	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000
Polychlorinated biphenyls, Total	**160000**		36000	2900	ug/Kg	☼	09/02/12 08:50	09/14/12 09:33	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*D*	*53 - 128*	*09/02/12 08:50*	*09/14/12 09:33*	*1000*
DCB Decachlorobiphenyl	*0*	*D*	*59 - 130*	*09/02/12 08:50*	*09/14/12 09:33*	*1000*

Client Sample ID: PS-60-1.0 — **Lab Sample ID: 280-32741-108**
Date Collected: 08/23/12 14:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1016	ND		36	5.5	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1232	ND		36	5.6	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1242	ND		36	9.9	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1248	ND		36	6.1	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1254	**120**		36	6.0	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1260	**44**		36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1262	ND		36	13	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
PCB-1268	ND		36	4.3	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1
Polychlorinated biphenyls, Total	**170**		36	2.9	ug/Kg	☼	09/02/12 08:50	09/14/12 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*53 - 128*	*09/02/12 08:50*	*09/14/12 09:56*	*1*
DCB Decachlorobiphenyl	*103*		*59 - 130*	*09/02/12 08:50*	*09/14/12 09:56*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: WC-082912 — **Lab Sample ID: 280-32741-109**
Date Collected: 08/28/12 08:16 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		94	31	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1016	ND		66	10	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1232	ND		66	10	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1242	ND		66	18	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1248	ND		66	11	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1254	**280**		66	11	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1260	**260**		66	5.3	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1262	ND		66	23	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
PCB-1268	ND		66	7.9	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2
Polychlorinated biphenyls, Total	**540**		66	5.3	ug/Kg	☼	09/04/12 18:56	09/15/12 08:11	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*53 - 128*	*09/04/12 18:56*	*09/15/12 08:11*	*2*
DCB Decachlorobiphenyl	*48*	*X*	*59 - 130*	*09/04/12 18:56*	*09/15/12 08:11*	*2*

General Chemistry

Client Sample ID: PS-11-0.25 — **Lab Sample ID: 280-32741-1**
Date Collected: 08/27/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.5**		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-11-1.0 — **Lab Sample ID: 280-32741-2**
Date Collected: 08/27/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.4**		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-12-0.25 — **Lab Sample ID: 280-32741-3**
Date Collected: 08/27/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.0**		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-12-1.0 — **Lab Sample ID: 280-32741-4**
Date Collected: 08/27/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.2**		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-13-0.25 — **Lab Sample ID: 280-32741-5**
Date Collected: 08/27/12 11:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.9**		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-13-1.0 — **Lab Sample ID: 280-32741-6**
Date Collected: 08/27/12 11:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.7**		0.10	0.10	%			09/04/12 14:10	1

General Chemistry

Client Sample ID: PS-14-0.25 — **Lab Sample ID: 280-32741-7**
Date Collected: 08/27/12 12:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.5		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-14-1.0 — **Lab Sample ID: 280-32741-8**
Date Collected: 08/27/12 12:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.7		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-15-0.25 — **Lab Sample ID: 280-32741-9**
Date Collected: 08/27/12 12:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.1		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-15-1.0 — **Lab Sample ID: 280-32741-10**
Date Collected: 08/27/12 12:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-16-0.25 — **Lab Sample ID: 280-32741-11**
Date Collected: 08/27/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.4		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-16-1.0 — **Lab Sample ID: 280-32741-12**
Date Collected: 08/27/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-17-0.25 — **Lab Sample ID: 280-32741-13**
Date Collected: 08/27/12 13:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-17-1.0 — **Lab Sample ID: 280-32741-14**
Date Collected: 08/27/12 13:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-18-0.25 — **Lab Sample ID: 280-32741-15**
Date Collected: 08/27/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.6		0.10	0.10	%			09/04/12 14:10	1

General Chemistry

Client Sample ID: PS-18-1.0 — **Lab Sample ID: 280-32741-16**
Date Collected: 08/27/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-19-0.25 — **Lab Sample ID: 280-32741-17**
Date Collected: 08/27/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-19-1.0 — **Lab Sample ID: 280-32741-18**
Date Collected: 08/27/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.8		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-20-0.25 — **Lab Sample ID: 280-32741-19**
Date Collected: 08/27/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.6		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-20-1.0 — **Lab Sample ID: 280-32741-20**
Date Collected: 08/27/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-21-0.25 — **Lab Sample ID: 280-32741-21**
Date Collected: 08/27/12 14:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-21-1.0 — **Lab Sample ID: 280-32741-22**
Date Collected: 08/27/12 14:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-22-0.25 — **Lab Sample ID: 280-32741-23**
Date Collected: 08/27/12 14:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-22-1.0 — **Lab Sample ID: 280-32741-24**
Date Collected: 08/27/12 14:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 14:10	1

General Chemistry

Client Sample ID: PS-23-0.25 — **Lab Sample ID: 280-32741-25**
Date Collected: 08/27/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-23-1.0 — **Lab Sample ID: 280-32741-26**
Date Collected: 08/27/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-24-0.25 — **Lab Sample ID: 280-32741-27**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-24-1.0 — **Lab Sample ID: 280-32741-28**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-25-0.25 — **Lab Sample ID: 280-32741-29**
Date Collected: 08/27/12 15:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.0		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-25-1.0 — **Lab Sample ID: 280-32741-30**
Date Collected: 08/27/12 15:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-28-0.25 — **Lab Sample ID: 280-32741-31**
Date Collected: 08/27/12 15:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-28-1.0 — **Lab Sample ID: 280-32741-32**
Date Collected: 08/27/12 15:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-26-0.25 — **Lab Sample ID: 280-32741-33**
Date Collected: 08/28/12 07:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.0		0.10	0.10	%			09/04/12 14:10	1

General Chemistry

Client Sample ID: PS-26-1.0 — **Lab Sample ID: 280-32741-34**
Date Collected: 08/28/12 07:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.8		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-27-0.25 — **Lab Sample ID: 280-32741-35**
Date Collected: 08/28/12 07:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.6		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-27-1.0 — **Lab Sample ID: 280-32741-36**
Date Collected: 08/28/12 07:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.7		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-29-0.25 — **Lab Sample ID: 280-32741-37**
Date Collected: 08/28/12 07:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.8		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-29-1.0 — **Lab Sample ID: 280-32741-38**
Date Collected: 08/28/12 07:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		0.10	0.10	%			09/04/12 14:10	1

Client Sample ID: PS-30-0.25 — **Lab Sample ID: 280-32741-39**
Date Collected: 08/28/12 07:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.3		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-30-1.0 — **Lab Sample ID: 280-32741-40**
Date Collected: 08/28/12 07:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-33-0.25 — **Lab Sample ID: 280-32741-41**
Date Collected: 08/28/12 08:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.5		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-33-1.0 — **Lab Sample ID: 280-32741-42**
Date Collected: 08/28/12 08:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			09/04/12 15:10	1

General Chemistry

Client Sample ID: PS-31-0.25 — **Lab Sample ID: 280-32741-43**
Date Collected: 08/28/12 08:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.0		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-31-1.0 — **Lab Sample ID: 280-32741-44**
Date Collected: 08/28/12 08:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-32-0.25 — **Lab Sample ID: 280-32741-45**
Date Collected: 08/28/12 08:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-32-1.0 — **Lab Sample ID: 280-32741-46**
Date Collected: 08/28/12 08:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-34-0.25 — **Lab Sample ID: 280-32741-47**
Date Collected: 08/28/12 08:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-34-1.0 — **Lab Sample ID: 280-32741-48**
Date Collected: 08/28/12 08:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-37-0.25 — **Lab Sample ID: 280-32741-49**
Date Collected: 08/28/12 08:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.9		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-37-1.0 — **Lab Sample ID: 280-32741-50**
Date Collected: 08/28/12 08:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-36-0.25 — **Lab Sample ID: 280-32741-51**
Date Collected: 08/28/12 09:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.2		0.10	0.10	%			09/04/12 15:10	1

General Chemistry

Client Sample ID: PS-36-1.0 — **Lab Sample ID: 280-32741-52**
Date Collected: 08/28/12 09:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-35-0.25 — **Lab Sample ID: 280-32741-53**
Date Collected: 08/28/12 09:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-35-1.0 — **Lab Sample ID: 280-32741-54**
Date Collected: 08/28/12 09:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-38-0.25 — **Lab Sample ID: 280-32741-55**
Date Collected: 08/28/12 09:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.4		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-38-1.0 — **Lab Sample ID: 280-32741-56**
Date Collected: 08/28/12 09:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-39-0.25 — **Lab Sample ID: 280-32741-57**
Date Collected: 08/28/12 09:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.4		0.10	0.10	%			09/04/12 15:10	1

Client Sample ID: PS-39-1.0 — **Lab Sample ID: 280-32741-58**
Date Collected: 08/28/12 09:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-41-0.25 — **Lab Sample ID: 280-32741-59**
Date Collected: 08/28/12 09:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.1		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-41-1.0 — **Lab Sample ID: 280-32741-60**
Date Collected: 08/28/12 09:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/04/12 15:11	1

General Chemistry

Client Sample ID: PS-40-0.25 — **Lab Sample ID: 280-32741-61**
Date Collected: 08/28/12 10:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-40-1.0 — **Lab Sample ID: 280-32741-62**
Date Collected: 08/28/12 10:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-42-0.25 — **Lab Sample ID: 280-32741-63**
Date Collected: 08/28/12 10:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-42-1.0 — **Lab Sample ID: 280-32741-64**
Date Collected: 08/28/12 10:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-43-0.25 — **Lab Sample ID: 280-32741-65**
Date Collected: 08/28/12 11:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.6		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-43-1.0 — **Lab Sample ID: 280-32741-66**
Date Collected: 08/28/12 11:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-44-0.25 — **Lab Sample ID: 280-32741-67**
Date Collected: 08/28/12 11:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.7		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-44-1.0 — **Lab Sample ID: 280-32741-68**
Date Collected: 08/28/12 11:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-47-0.25 — **Lab Sample ID: 280-32741-69**
Date Collected: 08/28/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.8		0.10	0.10	%			09/04/12 15:11	1

General Chemistry

Client Sample ID: PS-47-1.0 — **Lab Sample ID: 280-32741-70**
Date Collected: 08/28/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/04/12 15:11	1

Client Sample ID: PS-45-0.25 — **Lab Sample ID: 280-32741-71**
Date Collected: 08/28/12 12:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.2		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-45-1.0 — **Lab Sample ID: 280-32741-72**
Date Collected: 08/28/12 12:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-46-0.25 — **Lab Sample ID: 280-32741-73**
Date Collected: 08/28/12 12:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.8		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-46-1.0 — **Lab Sample ID: 280-32741-74**
Date Collected: 08/28/12 12:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-53-0.25 — **Lab Sample ID: 280-32741-75**
Date Collected: 08/28/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-53-1.0 — **Lab Sample ID: 280-32741-76**
Date Collected: 08/28/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-54-0.25 — **Lab Sample ID: 280-32741-77**
Date Collected: 08/28/12 13:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-54-1.0 — **Lab Sample ID: 280-32741-78**
Date Collected: 08/28/12 13:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/05/12 10:49	1

General Chemistry

Client Sample ID: PS-48-0.25 — **Lab Sample ID: 280-32741-79**
Date Collected: 08/28/12 13:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-48-1.0 — **Lab Sample ID: 280-32741-80**
Date Collected: 08/28/12 13:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-49-0.25 — **Lab Sample ID: 280-32741-81**
Date Collected: 08/28/12 13:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-49-1.0 — **Lab Sample ID: 280-32741-82**
Date Collected: 08/28/12 13:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-50-0.25 — **Lab Sample ID: 280-32741-83**
Date Collected: 08/28/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-50-1.0 — **Lab Sample ID: 280-32741-84**
Date Collected: 08/28/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-51-0.25 — **Lab Sample ID: 280-32741-85**
Date Collected: 08/28/12 14:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.6		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-51-1.0 — **Lab Sample ID: 280-32741-86**
Date Collected: 08/28/12 14:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-52-0.25 — **Lab Sample ID: 280-32741-87**
Date Collected: 08/28/12 14:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.9		0.10	0.10	%			09/05/12 10:49	1

General Chemistry

Client Sample ID: PS-52-1.0 — **Lab Sample ID: 280-32741-88**
Date Collected: 08/28/12 14:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-55-0.25 — **Lab Sample ID: 280-32741-89**
Date Collected: 08/28/12 14:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.1		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-55-1.0 — **Lab Sample ID: 280-32741-90**
Date Collected: 08/28/12 14:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-56-0.25 — **Lab Sample ID: 280-32741-91**
Date Collected: 08/28/12 14:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.8		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-56-1.0 — **Lab Sample ID: 280-32741-92**
Date Collected: 08/28/12 14:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-60-0.25 — **Lab Sample ID: 280-32741-93**
Date Collected: 08/28/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-60-1.0 — **Lab Sample ID: 280-32741-94**
Date Collected: 08/28/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-59-0.25 — **Lab Sample ID: 280-32741-95**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.0		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-59-1.0 — **Lab Sample ID: 280-32741-96**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			09/05/12 10:49	1

General Chemistry

Client Sample ID: PS-58-0.25 — **Lab Sample ID: 280-32741-97**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.7		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-58-1.0 — **Lab Sample ID: 280-32741-98**
Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-57-0.25 — **Lab Sample ID: 280-32741-99**
Date Collected: 08/23/12 10:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.6		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-57-1.0 — **Lab Sample ID: 280-32741-100**
Date Collected: 08/23/12 10:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-65-0.25 — **Lab Sample ID: 280-32741-101**
Date Collected: 08/23/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.6		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-65-1.0 — **Lab Sample ID: 280-32741-102**
Date Collected: 08/23/12 11:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.8		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-64-0.25 — **Lab Sample ID: 280-32741-103**
Date Collected: 08/23/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-64-1.0 — **Lab Sample ID: 280-32741-104**
Date Collected: 08/23/12 11:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-63-0.25 — **Lab Sample ID: 280-32741-105**
Date Collected: 08/23/12 13:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.1		0.10	0.10	%			09/05/12 10:49	1

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

General Chemistry

Client Sample ID: PS-63-1.0 — **Lab Sample ID: 280-32741-106**
Date Collected: 08/23/12 13:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.9		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-60-0.25 — **Lab Sample ID: 280-32741-107**
Date Collected: 08/23/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.2		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: PS-60-1.0 — **Lab Sample ID: 280-32741-108**
Date Collected: 08/23/12 14:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			09/05/12 10:49	1

Client Sample ID: WC-082912 — **Lab Sample ID: 280-32741-109**
Date Collected: 08/28/12 08:16 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.2		0.10	0.10	%			09/05/12 10:55	1

QC Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 280-135504/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135504**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	15	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1016	ND		33	5.1	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1232	ND		33	5.1	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1242	ND		33	9.1	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1248	ND		33	5.6	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1254	ND		33	5.5	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1260	ND		33	2.6	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1262	ND		33	12	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
PCB-1268	ND		33	3.9	ug/Kg		09/02/12 08:50	09/14/12 00:07	1
Polychlorinated biphenyls, Total	ND		33	2.6	ug/Kg		09/02/12 08:50	09/14/12 00:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*53 - 128*	*09/02/12 08:50*	*09/14/12 00:07*	*1*
DCB Decachlorobiphenyl	*99*		*59 - 130*	*09/02/12 08:50*	*09/14/12 00:07*	*1*

Lab Sample ID: LCS 280-135504/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135504**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	64.5	65.3		ug/Kg		101	54 - 132
PCB-1260	64.5	69.5		ug/Kg		108	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*96*		*53 - 128*
DCB Decachlorobiphenyl	*100*		*59 - 130*

Lab Sample ID: 280-32741-1 MS — **Client Sample ID: PS-11-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135504**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		66.7	53.0		ug/Kg	☼	79	54 - 132
PCB-1260	ND		66.7	55.2		ug/Kg	☼	83	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*53 - 128*
DCB Decachlorobiphenyl	*70*		*59 - 130*

Lab Sample ID: 280-32741-1 MSD — **Client Sample ID: PS-11-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135504**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		69.0	56.9		ug/Kg	☼	82	54 - 132	7	36
PCB-1260	ND		69.0	61.1		ug/Kg	☼	89	62 - 129	10	44

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32741-1 MSD — **Client Sample ID: PS-11-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135504**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	91		53 - 128
DCB Decachlorobiphenyl	74		59 - 130

Lab Sample ID: MB 280-135505/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137335 — **Prep Batch: 135505**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1016	ND		33	5.1	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1232	ND		33	5.1	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1242	ND		33	9.1	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1248	ND		33	5.6	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1254	ND		33	5.5	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1260	ND		33	2.6	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1262	ND		33	12	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
PCB-1268	ND		33	3.9	ug/Kg		09/02/12 09:45	09/10/12 17:07	1
Polychlorinated biphenyls, Total	ND		33	2.6	ug/Kg		09/02/12 09:45	09/10/12 17:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		53 - 128	09/02/12 09:45	09/10/12 17:07	1
DCB Decachlorobiphenyl	74		59 - 130	09/02/12 09:45	09/10/12 17:07	1

Lab Sample ID: LCS 280-135505/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137335 — **Prep Batch: 135505**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	66.0	68.6		ug/Kg		104	54 - 132
PCB-1260	66.0	78.3		ug/Kg		119	62 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	89		53 - 128
DCB Decachlorobiphenyl	80		59 - 130

Lab Sample ID: 280-32741-11 MS — **Client Sample ID: PS-16-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137335 — **Prep Batch: 135505**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		68.1	67.6		ug/Kg	☼	99	54 - 132
PCB-1260	ND		68.1	84.0		ug/Kg	☼	123	62 - 129

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	87		53 - 128
DCB Decachlorobiphenyl	82		59 - 130

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32741-11 MSD — **Client Sample ID: PS-16-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137335 — **Prep Batch: 135505**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		71.2	68.1		ug/Kg	☼	96	54 - 132	1	36
PCB-1260	ND		71.2	84.4		ug/Kg	☼	118	62 - 129	0	44

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*87*		*53 - 128*
DCB Decachlorobiphenyl	*82*		*59 - 130*

Lab Sample ID: MB 280-135506/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135506**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	15	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1016	ND		33	5.0	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1232	ND		33	5.1	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1242	ND		33	9.0	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1248	ND		33	5.6	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1254	ND		33	5.5	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1260	ND		33	2.6	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1262	ND		33	11	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
PCB-1268	ND		33	3.9	ug/Kg		09/02/12 12:05	09/14/12 13:30	1
Polychlorinated biphenyls, Total	ND		33	2.6	ug/Kg		09/02/12 12:05	09/14/12 13:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*53 - 128*	*09/02/12 12:05*	*09/14/12 13:30*	*1*
DCB Decachlorobiphenyl	*101*		*59 - 130*	*09/02/12 12:05*	*09/14/12 13:30*	*1*

Lab Sample ID: LCS 280-135506/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135506**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	66.2	64.6		ug/Kg		98	54 - 132
PCB-1260	66.2	68.9		ug/Kg		104	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*53 - 128*
DCB Decachlorobiphenyl	*98*		*59 - 130*

Lab Sample ID: 280-32741-31 MS — **Client Sample ID: PS-28-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135506**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		69.3	62.2		ug/Kg	☼	90	54 - 132
PCB-1260	ND		69.3	66.6		ug/Kg	☼	96	62 - 129

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32741-31 MS — **Client Sample ID: PS-28-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135506**

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*53 - 128*
DCB Decachlorobiphenyl	*88*		*59 - 130*

Lab Sample ID: 280-32741-31 MSD — **Client Sample ID: PS-28-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137461 — **Prep Batch: 135506**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		73.6	66.9		ug/Kg	☼	91	54 - 132	7	36
PCB-1260	ND		73.6	69.8		ug/Kg	☼	95	62 - 129	5	44

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*93*		*53 - 128*
DCB Decachlorobiphenyl	*89*		*59 - 130*

Lab Sample ID: MB 280-135615/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135615**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1016	ND		32	4.9	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1232	ND		32	4.9	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1242	ND		32	8.8	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1248	ND		32	5.4	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1254	ND		32	5.3	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1260	ND		32	2.5	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1262	ND		32	11	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
PCB-1268	ND		32	3.8	ug/Kg		09/04/12 17:37	09/17/12 10:40	1
Polychlorinated biphenyls, Total	ND		32	2.5	ug/Kg		09/04/12 17:37	09/17/12 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*53 - 128*	*09/04/12 17:37*	*09/17/12 10:40*	*1*
DCB Decachlorobiphenyl	*83*		*59 - 130*	*09/04/12 17:37*	*09/17/12 10:40*	*1*

Lab Sample ID: LCS 280-135615/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135615**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	66.0	66.5		ug/Kg		101	54 - 132
PCB-1260	66.0	63.1		ug/Kg		96	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*93*		*53 - 128*
DCB Decachlorobiphenyl	*84*		*59 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32741-51 MS — **Client Sample ID: PS-36-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		66.3	58.3	J D	ug/Kg	☼	88	54 - 132
PCB-1260	ND		66.3	90.3	J D	ug/Kg	☼	136	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*100*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*80*	*D*	*59 - 130*

Lab Sample ID: 280-32741-51 MSD — **Client Sample ID: PS-36-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		70.0	65.1	J D	ug/Kg	☼	93	54 - 132	11	36
PCB-1260	ND		70.0	104	J D	ug/Kg	☼	149	62 - 129	14	44

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*81*	*D*	*59 - 130*

Lab Sample ID: MB 280-135642/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135642**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1016	ND		32	4.9	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1232	ND		32	4.9	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1242	ND		32	8.8	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1248	ND		32	5.4	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1254	ND		32	5.3	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1260	ND		32	2.6	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1262	ND		32	11	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
PCB-1268	ND		32	3.8	ug/Kg		09/04/12 18:56	09/17/12 19:48	1
Polychlorinated biphenyls, Total	ND		32	2.6	ug/Kg		09/04/12 18:56	09/17/12 19:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*53 - 128*	*09/04/12 18:56*	*09/17/12 19:48*	*1*
DCB Decachlorobiphenyl	*89*		*59 - 130*	*09/04/12 18:56*	*09/17/12 19:48*	*1*

Lab Sample ID: LCS 280-135642/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135642**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	61.3	66.1		ug/Kg		108	54 - 132
PCB-1260	61.3	62.7		ug/Kg		102	62 - 129

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 280-135642/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135642**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	98		53 - 128
DCB Decachlorobiphenyl	91		59 - 130

Lab Sample ID: 280-32741-71 MS — **Client Sample ID: PS-45-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135642**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		70.3	71.9	J D	ug/Kg	☼	102	54 - 132
PCB-1260	ND		70.3	68.6	J D	ug/Kg	☼	98	62 - 129

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	101	D	53 - 128
DCB Decachlorobiphenyl	82	D	59 - 130

Lab Sample ID: 280-32741-71 MSD — **Client Sample ID: PS-45-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137789 — **Prep Batch: 135642**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		69.2	66.9	J D	ug/Kg	☼	97	54 - 132	7	36
PCB-1260	ND		69.2	72.3	J D	ug/Kg	☼	104	62 - 129	5	44

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	100	D	53 - 128
DCB Decachlorobiphenyl	77	D	59 - 130

Lab Sample ID: MB 280-135669/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 135669**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1016	ND		32	4.9	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1232	ND		32	4.9	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1242	ND		32	8.8	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1248	ND		32	5.4	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1254	ND		32	5.3	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1260	ND		32	2.5	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1262	ND		32	11	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
PCB-1268	ND		32	3.8	ug/Kg		09/04/12 18:56	09/15/12 03:59	1
Polychlorinated biphenyls, Total	ND		32	2.5	ug/Kg		09/04/12 18:56	09/15/12 03:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	109		53 - 128	09/04/12 18:56	09/15/12 03:59	1
DCB Decachlorobiphenyl	100		59 - 130	09/04/12 18:56	09/15/12 03:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 280-135669/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 135669**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			64.3	72.7		ug/Kg		113	54 - 132		
PCB-1260			64.3	69.8		ug/Kg		109	62 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*106*		*53 - 128*
DCB Decachlorobiphenyl	*98*		*59 - 130*

Lab Sample ID: 280-32741-91 MS — **Client Sample ID: PS-56-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 135669**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		70.8	73.7		ug/Kg	☼	104	54 - 132		
PCB-1260	ND		70.8	61.0		ug/Kg	☼	86	62 - 129		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*111*		*53 - 128*
DCB Decachlorobiphenyl	*59*		*59 - 130*

Lab Sample ID: 280-32741-91 MSD — **Client Sample ID: PS-56-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137622 — **Prep Batch: 135669**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		69.1	74.4		ug/Kg	☼	108	54 - 132	1	36
PCB-1260	ND		69.1	75.3		ug/Kg	☼	109	62 - 129	21	44

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*114*		*53 - 128*
DCB Decachlorobiphenyl	*59*		*59 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 280-32741-1 DU — **Client Sample ID: PS-11-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135643

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.5			7.2		%				4	20

Lab Sample ID: 280-32741-19 DU — **Client Sample ID: PS-20-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135643

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.6			7.6		%				0.2	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 280-32741-38 DU — **Client Sample ID: PS-29-1.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135643

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.7			10		%				7	20

Lab Sample ID: 280-32741-57 DU — **Client Sample ID: PS-39-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135643

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.4			4.4		%				1	20

Lab Sample ID: 280-32741-71 DU — **Client Sample ID: PS-45-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135799

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	5.2			5.4		%				4	20

Lab Sample ID: 280-32741-89 DU — **Client Sample ID: PS-55-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135799

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.1			5.9		%				3	20

Lab Sample ID: 280-32741-108 DU — **Client Sample ID: PS-60-1.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135799

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10			12		%				15	20

QC Association Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

GC Semi VOA

Prep Batch: 135504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-1	PS-11-0.25	Total/NA	Solid	3550C	
280-32741-1 MS	PS-11-0.25	Total/NA	Solid	3550C	
280-32741-1 MSD	PS-11-0.25	Total/NA	Solid	3550C	
280-32741-2	PS-11-1.0	Total/NA	Solid	3550C	
280-32741-3	PS-12-0.25	Total/NA	Solid	3550C	
280-32741-4	PS-12-1.0	Total/NA	Solid	3550C	
280-32741-5	PS-13-0.25	Total/NA	Solid	3550C	
280-32741-6	PS-13-1.0	Total/NA	Solid	3550C	
280-32741-7	PS-14-0.25	Total/NA	Solid	3550C	
280-32741-8	PS-14-1.0	Total/NA	Solid	3550C	
280-32741-9	PS-15-0.25	Total/NA	Solid	3550C	
280-32741-10	PS-15-1.0	Total/NA	Solid	3550C	
280-32741-99	PS-57-0.25	Total/NA	Solid	3550C	
280-32741-100	PS-57-1.0	Total/NA	Solid	3550C	
280-32741-101	PS-65-0.25	Total/NA	Solid	3550C	
280-32741-102	PS-65-1.0	Total/NA	Solid	3550C	
280-32741-103	PS-64-0.25	Total/NA	Solid	3550C	
280-32741-104	PS-64-1.0	Total/NA	Solid	3550C	
280-32741-105	PS-63-0.25	Total/NA	Solid	3550C	
280-32741-106	PS-63-1.0	Total/NA	Solid	3550C	
280-32741-107	PS-60-0.25	Total/NA	Solid	3550C	
280-32741-108	PS-60-1.0	Total/NA	Solid	3550C	
LCS 280-135504/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-135504/1-A	Method Blank	Total/NA	Solid	3550C	

Prep Batch: 135505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-11	PS-16-0.25	Total/NA	Solid	3550C	
280-32741-11 MS	PS-16-0.25	Total/NA	Solid	3550C	
280-32741-11 MSD	PS-16-0.25	Total/NA	Solid	3550C	
280-32741-12	PS-16-1.0	Total/NA	Solid	3550C	
280-32741-13	PS-17-0.25	Total/NA	Solid	3550C	
280-32741-14	PS-17-1.0	Total/NA	Solid	3550C	
280-32741-15	PS-18-0.25	Total/NA	Solid	3550C	
280-32741-16	PS-18-1.0	Total/NA	Solid	3550C	
280-32741-17	PS-19-0.25	Total/NA	Solid	3550C	
280-32741-18	PS-19-1.0	Total/NA	Solid	3550C	
280-32741-19	PS-20-0.25	Total/NA	Solid	3550C	
280-32741-20	PS-20-1.0	Total/NA	Solid	3550C	
280-32741-21	PS-21-0.25	Total/NA	Solid	3550C	
280-32741-22	PS-21-1.0	Total/NA	Solid	3550C	
280-32741-23	PS-22-0.25	Total/NA	Solid	3550C	
280-32741-24	PS-22-1.0	Total/NA	Solid	3550C	
280-32741-25	PS-23-0.25	Total/NA	Solid	3550C	
280-32741-26	PS-23-1.0	Total/NA	Solid	3550C	
280-32741-27	PS-24-0.25	Total/NA	Solid	3550C	
280-32741-28	PS-24-1.0	Total/NA	Solid	3550C	
280-32741-29	PS-25-0.25	Total/NA	Solid	3550C	
280-32741-30	PS-25-1.0	Total/NA	Solid	3550C	
LCS 280-135505/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-135505/1-A	Method Blank	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 135506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-31	PS-28-0.25	Total/NA	Solid	3550C	
280-32741-31 MS	PS-28-0.25	Total/NA	Solid	3550C	
280-32741-31 MSD	PS-28-0.25	Total/NA	Solid	3550C	
280-32741-32	PS-28-1.0	Total/NA	Solid	3550C	
280-32741-33	PS-26-0.25	Total/NA	Solid	3550C	
280-32741-34	PS-26-1.0	Total/NA	Solid	3550C	
280-32741-35	PS-27-0.25	Total/NA	Solid	3550C	
280-32741-36	PS-27-1.0	Total/NA	Solid	3550C	
280-32741-37	PS-29-0.25	Total/NA	Solid	3550C	
280-32741-38	PS-29-1.0	Total/NA	Solid	3550C	
280-32741-39	PS-30-0.25	Total/NA	Solid	3550C	
280-32741-40	PS-30-1.0	Total/NA	Solid	3550C	
280-32741-41	PS-33-0.25	Total/NA	Solid	3550C	
280-32741-42	PS-33-1.0	Total/NA	Solid	3550C	
280-32741-43	PS-31-0.25	Total/NA	Solid	3550C	
280-32741-44	PS-31-1.0	Total/NA	Solid	3550C	
280-32741-45	PS-32-0.25	Total/NA	Solid	3550C	
280-32741-46	PS-32-1.0	Total/NA	Solid	3550C	
280-32741-47	PS-34-0.25	Total/NA	Solid	3550C	
280-32741-48	PS-34-1.0	Total/NA	Solid	3550C	
280-32741-49	PS-37-0.25	Total/NA	Solid	3550C	
280-32741-50	PS-37-1.0	Total/NA	Solid	3550C	
LCS 280-135506/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-135506/1-A	Method Blank	Total/NA	Solid	3550C	

Prep Batch: 135615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-51	PS-36-0.25	Total/NA	Solid	3550C	
280-32741-51 MS	PS-36-0.25	Total/NA	Solid	3550C	
280-32741-51 MSD	PS-36-0.25	Total/NA	Solid	3550C	
280-32741-52	PS-36-1.0	Total/NA	Solid	3550C	
280-32741-53	PS-35-0.25	Total/NA	Solid	3550C	
280-32741-54	PS-35-1.0	Total/NA	Solid	3550C	
280-32741-55	PS-38-0.25	Total/NA	Solid	3550C	
280-32741-56	PS-38-1.0	Total/NA	Solid	3550C	
280-32741-57	PS-39-0.25	Total/NA	Solid	3550C	
280-32741-58	PS-39-1.0	Total/NA	Solid	3550C	
280-32741-59	PS-41-0.25	Total/NA	Solid	3550C	
280-32741-60	PS-41-1.0	Total/NA	Solid	3550C	
280-32741-61	PS-40-0.25	Total/NA	Solid	3550C	
280-32741-62	PS-40-1.0	Total/NA	Solid	3550C	
280-32741-63	PS-42-0.25	Total/NA	Solid	3550C	
280-32741-64	PS-42-1.0	Total/NA	Solid	3550C	
280-32741-65	PS-43-0.25	Total/NA	Solid	3550C	
280-32741-66	PS-43-1.0	Total/NA	Solid	3550C	
280-32741-67	PS-44-0.25	Total/NA	Solid	3550C	
280-32741-68	PS-44-1.0	Total/NA	Solid	3550C	
280-32741-69	PS-47-0.25	Total/NA	Solid	3550C	
280-32741-70	PS-47-1.0	Total/NA	Solid	3550C	
LCS 280-135615/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-135615/1-A	Method Blank	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 135642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-71	PS-45-0.25	Total/NA	Solid	3550C	
280-32741-71 MS	PS-45-0.25	Total/NA	Solid	3550C	
280-32741-71 MSD	PS-45-0.25	Total/NA	Solid	3550C	
280-32741-72	PS-45-1.0	Total/NA	Solid	3550C	
280-32741-73	PS-46-0.25	Total/NA	Solid	3550C	
280-32741-74	PS-46-1.0	Total/NA	Solid	3550C	
280-32741-75	PS-53-0.25	Total/NA	Solid	3550C	
280-32741-76	PS-53-1.0	Total/NA	Solid	3550C	
280-32741-77	PS-54-0.25	Total/NA	Solid	3550C	
280-32741-78	PS-54-1.0	Total/NA	Solid	3550C	
280-32741-79	PS-48-0.25	Total/NA	Solid	3550C	
280-32741-80	PS-48-1.0	Total/NA	Solid	3550C	
280-32741-81	PS-49-0.25	Total/NA	Solid	3550C	
280-32741-82	PS-49-1.0	Total/NA	Solid	3550C	
280-32741-83	PS-50-0.25	Total/NA	Solid	3550C	
280-32741-84	PS-50-1.0	Total/NA	Solid	3550C	
280-32741-85	PS-51-0.25	Total/NA	Solid	3550C	
280-32741-86	PS-51-1.0	Total/NA	Solid	3550C	
280-32741-87	PS-52-0.25	Total/NA	Solid	3550C	
280-32741-88	PS-52-1.0	Total/NA	Solid	3550C	
280-32741-89	PS-55-0.25	Total/NA	Solid	3550C	
280-32741-90	PS-55-1.0	Total/NA	Solid	3550C	
LCS 280-135642/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-135642/1-A	Method Blank	Total/NA	Solid	3550C	

Prep Batch: 135669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-91	PS-56-0.25	Total/NA	Solid	3550C	
280-32741-91 MS	PS-56-0.25	Total/NA	Solid	3550C	
280-32741-91 MSD	PS-56-0.25	Total/NA	Solid	3550C	
280-32741-92	PS-56-1.0	Total/NA	Solid	3550C	
280-32741-93	PS-60-0.25	Total/NA	Solid	3550C	
280-32741-94	PS-60-1.0	Total/NA	Solid	3550C	
280-32741-95	PS-59-0.25	Total/NA	Solid	3550C	
280-32741-96	PS-59-1.0	Total/NA	Solid	3550C	
280-32741-97	PS-58-0.25	Total/NA	Solid	3550C	
280-32741-98	PS-58-1.0	Total/NA	Solid	3550C	
280-32741-109	WC-082912	Total/NA	Solid	3550C	
LCS 280-135669/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-135669/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 137335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-11	PS-16-0.25	Total/NA	Solid	8082A	135505
280-32741-11 MS	PS-16-0.25	Total/NA	Solid	8082A	135505
280-32741-11 MSD	PS-16-0.25	Total/NA	Solid	8082A	135505
280-32741-12	PS-16-1.0	Total/NA	Solid	8082A	135505
280-32741-13	PS-17-0.25	Total/NA	Solid	8082A	135505
280-32741-14	PS-17-1.0	Total/NA	Solid	8082A	135505
280-32741-16	PS-18-1.0	Total/NA	Solid	8082A	135505
280-32741-17	PS-19-0.25	Total/NA	Solid	8082A	135505
280-32741-18	PS-19-1.0	Total/NA	Solid	8082A	135505

GC Semi VOA (Continued)

Analysis Batch: 137335 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-20	PS-20-1.0	Total/NA	Solid	8082A	135505
280-32741-21	PS-21-0.25	Total/NA	Solid	8082A	135505
280-32741-22	PS-21-1.0	Total/NA	Solid	8082A	135505
280-32741-23	PS-22-0.25	Total/NA	Solid	8082A	135505
280-32741-24	PS-22-1.0	Total/NA	Solid	8082A	135505
280-32741-27	PS-24-0.25	Total/NA	Solid	8082A	135505
280-32741-28	PS-24-1.0	Total/NA	Solid	8082A	135505
280-32741-30	PS-25-1.0	Total/NA	Solid	8082A	135505
LCS 280-135505/2-A	Lab Control Sample	Total/NA	Solid	8082A	135505
MB 280-135505/1-A	Method Blank	Total/NA	Solid	8082A	135505

Analysis Batch: 137461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-1	PS-11-0.25	Total/NA	Solid	8082A	135504
280-32741-1 MS	PS-11-0.25	Total/NA	Solid	8082A	135504
280-32741-1 MSD	PS-11-0.25	Total/NA	Solid	8082A	135504
280-32741-2	PS-11-1.0	Total/NA	Solid	8082A	135504
280-32741-3	PS-12-0.25	Total/NA	Solid	8082A	135504
280-32741-4	PS-12-1.0	Total/NA	Solid	8082A	135504
280-32741-5	PS-13-0.25	Total/NA	Solid	8082A	135504
280-32741-6	PS-13-1.0	Total/NA	Solid	8082A	135504
280-32741-7	PS-14-0.25	Total/NA	Solid	8082A	135504
280-32741-8	PS-14-1.0	Total/NA	Solid	8082A	135504
280-32741-9	PS-15-0.25	Total/NA	Solid	8082A	135504
280-32741-10	PS-15-1.0	Total/NA	Solid	8082A	135504
280-32741-31	PS-28-0.25	Total/NA	Solid	8082A	135506
280-32741-31 MS	PS-28-0.25	Total/NA	Solid	8082A	135506
280-32741-31 MSD	PS-28-0.25	Total/NA	Solid	8082A	135506
280-32741-32	PS-28-1.0	Total/NA	Solid	8082A	135506
280-32741-33	PS-26-0.25	Total/NA	Solid	8082A	135506
280-32741-34	PS-26-1.0	Total/NA	Solid	8082A	135506
280-32741-35	PS-27-0.25	Total/NA	Solid	8082A	135506
280-32741-36	PS-27-1.0	Total/NA	Solid	8082A	135506
280-32741-37	PS-29-0.25	Total/NA	Solid	8082A	135506
280-32741-38	PS-29-1.0	Total/NA	Solid	8082A	135506
280-32741-40	PS-30-1.0	Total/NA	Solid	8082A	135506
280-32741-41	PS-33-0.25	Total/NA	Solid	8082A	135506
280-32741-42	PS-33-1.0	Total/NA	Solid	8082A	135506
280-32741-43	PS-31-0.25	Total/NA	Solid	8082A	135506
280-32741-44	PS-31-1.0	Total/NA	Solid	8082A	135506
280-32741-45	PS-32-0.25	Total/NA	Solid	8082A	135506
280-32741-47	PS-34-0.25	Total/NA	Solid	8082A	135506
280-32741-48	PS-34-1.0	Total/NA	Solid	8082A	135506
280-32741-49	PS-37-0.25	Total/NA	Solid	8082A	135506
280-32741-50	PS-37-1.0	Total/NA	Solid	8082A	135506
280-32741-99	PS-57-0.25	Total/NA	Solid	8082A	135504
280-32741-100	PS-57-1.0	Total/NA	Solid	8082A	135504
280-32741-101	PS-65-0.25	Total/NA	Solid	8082A	135504
280-32741-102	PS-65-1.0	Total/NA	Solid	8082A	135504
280-32741-103	PS-64-0.25	Total/NA	Solid	8082A	135504
280-32741-104	PS-64-1.0	Total/NA	Solid	8082A	135504
280-32741-105	PS-63-0.25	Total/NA	Solid	8082A	135504

GC Semi VOA (Continued)

Analysis Batch: 137461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-106	PS-63-1.0	Total/NA	Solid	8082A	135504
280-32741-107	PS-60-0.25	Total/NA	Solid	8082A	135504
280-32741-108	PS-60-1.0	Total/NA	Solid	8082A	135504
LCS 280-135504/2-A	Lab Control Sample	Total/NA	Solid	8082A	135504
LCS 280-135506/2-A	Lab Control Sample	Total/NA	Solid	8082A	135506
MB 280-135504/1-A	Method Blank	Total/NA	Solid	8082A	135504
MB 280-135506/1-A	Method Blank	Total/NA	Solid	8082A	135506

Analysis Batch: 137494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-39	PS-30-0.25	Total/NA	Solid	8082A	135506
280-32741-46	PS-32-1.0	Total/NA	Solid	8082A	135506

Analysis Batch: 137622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-15	PS-18-0.25	Total/NA	Solid	8082A	135505
280-32741-19	PS-20-0.25	Total/NA	Solid	8082A	135505
280-32741-25	PS-23-0.25	Total/NA	Solid	8082A	135505
280-32741-26	PS-23-1.0	Total/NA	Solid	8082A	135505
280-32741-29	PS-25-0.25	Total/NA	Solid	8082A	135505
280-32741-91	PS-56-0.25	Total/NA	Solid	8082A	135669
280-32741-91 MS	PS-56-0.25	Total/NA	Solid	8082A	135669
280-32741-91 MSD	PS-56-0.25	Total/NA	Solid	8082A	135669
280-32741-92	PS-56-1.0	Total/NA	Solid	8082A	135669
280-32741-93	PS-60-0.25	Total/NA	Solid	8082A	135669
280-32741-94	PS-60-1.0	Total/NA	Solid	8082A	135669
280-32741-95	PS-59-0.25	Total/NA	Solid	8082A	135669
280-32741-96	PS-59-1.0	Total/NA	Solid	8082A	135669
280-32741-98	PS-58-1.0	Total/NA	Solid	8082A	135669
280-32741-109	WC-082912	Total/NA	Solid	8082A	135669
LCS 280-135669/2-A	Lab Control Sample	Total/NA	Solid	8082A	135669
MB 280-135669/1-A	Method Blank	Total/NA	Solid	8082A	135669

Analysis Batch: 137789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-51	PS-36-0.25	Total/NA	Solid	8082A	135615
280-32741-51 MS	PS-36-0.25	Total/NA	Solid	8082A	135615
280-32741-51 MSD	PS-36-0.25	Total/NA	Solid	8082A	135615
280-32741-52	PS-36-1.0	Total/NA	Solid	8082A	135615
280-32741-53	PS-35-0.25	Total/NA	Solid	8082A	135615
280-32741-54	PS-35-1.0	Total/NA	Solid	8082A	135615
280-32741-55	PS-38-0.25	Total/NA	Solid	8082A	135615
280-32741-56	PS-38-1.0	Total/NA	Solid	8082A	135615
280-32741-57	PS-39-0.25	Total/NA	Solid	8082A	135615
280-32741-58	PS-39-1.0	Total/NA	Solid	8082A	135615
280-32741-59	PS-41-0.25	Total/NA	Solid	8082A	135615
280-32741-60	PS-41-1.0	Total/NA	Solid	8082A	135615
280-32741-61	PS-40-0.25	Total/NA	Solid	8082A	135615
280-32741-62	PS-40-1.0	Total/NA	Solid	8082A	135615
280-32741-63	PS-42-0.25	Total/NA	Solid	8082A	135615
280-32741-64	PS-42-1.0	Total/NA	Solid	8082A	135615
280-32741-65	PS-43-0.25	Total/NA	Solid	8082A	135615

GC Semi VOA (Continued)

Analysis Batch: 137789 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-66	PS-43-1.0	Total/NA	Solid	8082A	135615
280-32741-67	PS-44-0.25	Total/NA	Solid	8082A	135615
280-32741-68	PS-44-1.0	Total/NA	Solid	8082A	135615
280-32741-69	PS-47-0.25	Total/NA	Solid	8082A	135615
280-32741-70	PS-47-1.0	Total/NA	Solid	8082A	135615
280-32741-71	PS-45-0.25	Total/NA	Solid	8082A	135642
280-32741-71 MS	PS-45-0.25	Total/NA	Solid	8082A	135642
280-32741-71 MSD	PS-45-0.25	Total/NA	Solid	8082A	135642
280-32741-72	PS-45-1.0	Total/NA	Solid	8082A	135642
280-32741-73	PS-46-0.25	Total/NA	Solid	8082A	135642
280-32741-74	PS-46-1.0	Total/NA	Solid	8082A	135642
280-32741-75	PS-53-0.25	Total/NA	Solid	8082A	135642
280-32741-76	PS-53-1.0	Total/NA	Solid	8082A	135642
280-32741-77	PS-54-0.25	Total/NA	Solid	8082A	135642
280-32741-78	PS-54-1.0	Total/NA	Solid	8082A	135642
280-32741-79	PS-48-0.25	Total/NA	Solid	8082A	135642
280-32741-80	PS-48-1.0	Total/NA	Solid	8082A	135642
280-32741-81	PS-49-0.25	Total/NA	Solid	8082A	135642
280-32741-82	PS-49-1.0	Total/NA	Solid	8082A	135642
280-32741-83	PS-50-0.25	Total/NA	Solid	8082A	135642
280-32741-84	PS-50-1.0	Total/NA	Solid	8082A	135642
280-32741-85	PS-51-0.25	Total/NA	Solid	8082A	135642
280-32741-86	PS-51-1.0	Total/NA	Solid	8082A	135642
280-32741-87	PS-52-0.25	Total/NA	Solid	8082A	135642
280-32741-88	PS-52-1.0	Total/NA	Solid	8082A	135642
280-32741-89	PS-55-0.25	Total/NA	Solid	8082A	135642
280-32741-90	PS-55-1.0	Total/NA	Solid	8082A	135642
280-32741-97	PS-58-0.25	Total/NA	Solid	8082A	135669
LCS 280-135615/2-A	Lab Control Sample	Total/NA	Solid	8082A	135615
LCS 280-135642/2-A	Lab Control Sample	Total/NA	Solid	8082A	135642
MB 280-135615/1-A	Method Blank	Total/NA	Solid	8082A	135615
MB 280-135642/1-A	Method Blank	Total/NA	Solid	8082A	135642

General Chemistry

Analysis Batch: 135643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-1	PS-11-0.25	Total/NA	Solid	Moisture	
280-32741-1 DU	PS-11-0.25	Total/NA	Solid	Moisture	
280-32741-2	PS-11-1.0	Total/NA	Solid	Moisture	
280-32741-3	PS-12-0.25	Total/NA	Solid	Moisture	
280-32741-4	PS-12-1.0	Total/NA	Solid	Moisture	
280-32741-5	PS-13-0.25	Total/NA	Solid	Moisture	
280-32741-6	PS-13-1.0	Total/NA	Solid	Moisture	
280-32741-7	PS-14-0.25	Total/NA	Solid	Moisture	
280-32741-8	PS-14-1.0	Total/NA	Solid	Moisture	
280-32741-9	PS-15-0.25	Total/NA	Solid	Moisture	
280-32741-10	PS-15-1.0	Total/NA	Solid	Moisture	
280-32741-11	PS-16-0.25	Total/NA	Solid	Moisture	
280-32741-12	PS-16-1.0	Total/NA	Solid	Moisture	
280-32741-13	PS-17-0.25	Total/NA	Solid	Moisture	
280-32741-14	PS-17-1.0	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 135643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-15	PS-18-0.25	Total/NA	Solid	Moisture	
280-32741-16	PS-18-1.0	Total/NA	Solid	Moisture	
280-32741-17	PS-19-0.25	Total/NA	Solid	Moisture	
280-32741-18	PS-19-1.0	Total/NA	Solid	Moisture	
280-32741-19	PS-20-0.25	Total/NA	Solid	Moisture	
280-32741-19 DU	PS-20-0.25	Total/NA	Solid	Moisture	
280-32741-20	PS-20-1.0	Total/NA	Solid	Moisture	
280-32741-21	PS-21-0.25	Total/NA	Solid	Moisture	
280-32741-22	PS-21-1.0	Total/NA	Solid	Moisture	
280-32741-23	PS-22-0.25	Total/NA	Solid	Moisture	
280-32741-24	PS-22-1.0	Total/NA	Solid	Moisture	
280-32741-25	PS-23-0.25	Total/NA	Solid	Moisture	
280-32741-26	PS-23-1.0	Total/NA	Solid	Moisture	
280-32741-27	PS-24-0.25	Total/NA	Solid	Moisture	
280-32741-28	PS-24-1.0	Total/NA	Solid	Moisture	
280-32741-29	PS-25-0.25	Total/NA	Solid	Moisture	
280-32741-30	PS-25-1.0	Total/NA	Solid	Moisture	
280-32741-31	PS-28-0.25	Total/NA	Solid	Moisture	
280-32741-32	PS-28-1.0	Total/NA	Solid	Moisture	
280-32741-33	PS-26-0.25	Total/NA	Solid	Moisture	
280-32741-34	PS-26-1.0	Total/NA	Solid	Moisture	
280-32741-35	PS-27-0.25	Total/NA	Solid	Moisture	
280-32741-36	PS-27-1.0	Total/NA	Solid	Moisture	
280-32741-37	PS-29-0.25	Total/NA	Solid	Moisture	
280-32741-38	PS-29-1.0	Total/NA	Solid	Moisture	
280-32741-38 DU	PS-29-1.0	Total/NA	Solid	Moisture	
280-32741-39	PS-30-0.25	Total/NA	Solid	Moisture	
280-32741-40	PS-30-1.0	Total/NA	Solid	Moisture	
280-32741-41	PS-33-0.25	Total/NA	Solid	Moisture	
280-32741-42	PS-33-1.0	Total/NA	Solid	Moisture	
280-32741-43	PS-31-0.25	Total/NA	Solid	Moisture	
280-32741-44	PS-31-1.0	Total/NA	Solid	Moisture	
280-32741-45	PS-32-0.25	Total/NA	Solid	Moisture	
280-32741-46	PS-32-1.0	Total/NA	Solid	Moisture	
280-32741-47	PS-34-0.25	Total/NA	Solid	Moisture	
280-32741-48	PS-34-1.0	Total/NA	Solid	Moisture	
280-32741-49	PS-37-0.25	Total/NA	Solid	Moisture	
280-32741-50	PS-37-1.0	Total/NA	Solid	Moisture	
280-32741-51	PS-36-0.25	Total/NA	Solid	Moisture	
280-32741-52	PS-36-1.0	Total/NA	Solid	Moisture	
280-32741-53	PS-35-0.25	Total/NA	Solid	Moisture	
280-32741-54	PS-35-1.0	Total/NA	Solid	Moisture	
280-32741-55	PS-38-0.25	Total/NA	Solid	Moisture	
280-32741-56	PS-38-1.0	Total/NA	Solid	Moisture	
280-32741-57	PS-39-0.25	Total/NA	Solid	Moisture	
280-32741-57 DU	PS-39-0.25	Total/NA	Solid	Moisture	
280-32741-58	PS-39-1.0	Total/NA	Solid	Moisture	
280-32741-59	PS-41-0.25	Total/NA	Solid	Moisture	
280-32741-60	PS-41-1.0	Total/NA	Solid	Moisture	
280-32741-61	PS-40-0.25	Total/NA	Solid	Moisture	
280-32741-62	PS-40-1.0	Total/NA	Solid	Moisture	
280-32741-63	PS-42-0.25	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 135643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-64	PS-42-1.0	Total/NA	Solid	Moisture	
280-32741-65	PS-43-0.25	Total/NA	Solid	Moisture	
280-32741-66	PS-43-1.0	Total/NA	Solid	Moisture	
280-32741-67	PS-44-0.25	Total/NA	Solid	Moisture	
280-32741-68	PS-44-1.0	Total/NA	Solid	Moisture	
280-32741-69	PS-47-0.25	Total/NA	Solid	Moisture	
280-32741-70	PS-47-1.0	Total/NA	Solid	Moisture	

Analysis Batch: 135799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-71	PS-45-0.25	Total/NA	Solid	Moisture	
280-32741-71 DU	PS-45-0.25	Total/NA	Solid	Moisture	
280-32741-72	PS-45-1.0	Total/NA	Solid	Moisture	
280-32741-73	PS-46-0.25	Total/NA	Solid	Moisture	
280-32741-74	PS-46-1.0	Total/NA	Solid	Moisture	
280-32741-75	PS-53-0.25	Total/NA	Solid	Moisture	
280-32741-76	PS-53-1.0	Total/NA	Solid	Moisture	
280-32741-77	PS-54-0.25	Total/NA	Solid	Moisture	
280-32741-78	PS-54-1.0	Total/NA	Solid	Moisture	
280-32741-79	PS-48-0.25	Total/NA	Solid	Moisture	
280-32741-80	PS-48-1.0	Total/NA	Solid	Moisture	
280-32741-81	PS-49-0.25	Total/NA	Solid	Moisture	
280-32741-82	PS-49-1.0	Total/NA	Solid	Moisture	
280-32741-83	PS-50-0.25	Total/NA	Solid	Moisture	
280-32741-84	PS-50-1.0	Total/NA	Solid	Moisture	
280-32741-85	PS-51-0.25	Total/NA	Solid	Moisture	
280-32741-86	PS-51-1.0	Total/NA	Solid	Moisture	
280-32741-87	PS-52-0.25	Total/NA	Solid	Moisture	
280-32741-88	PS-52-1.0	Total/NA	Solid	Moisture	
280-32741-89	PS-55-0.25	Total/NA	Solid	Moisture	
280-32741-89 DU	PS-55-0.25	Total/NA	Solid	Moisture	
280-32741-90	PS-55-1.0	Total/NA	Solid	Moisture	
280-32741-91	PS-56-0.25	Total/NA	Solid	Moisture	
280-32741-92	PS-56-1.0	Total/NA	Solid	Moisture	
280-32741-93	PS-60-0.25	Total/NA	Solid	Moisture	
280-32741-94	PS-60-1.0	Total/NA	Solid	Moisture	
280-32741-95	PS-59-0.25	Total/NA	Solid	Moisture	
280-32741-96	PS-59-1.0	Total/NA	Solid	Moisture	
280-32741-97	PS-58-0.25	Total/NA	Solid	Moisture	
280-32741-98	PS-58-1.0	Total/NA	Solid	Moisture	
280-32741-99	PS-57-0.25	Total/NA	Solid	Moisture	
280-32741-100	PS-57-1.0	Total/NA	Solid	Moisture	
280-32741-101	PS-65-0.25	Total/NA	Solid	Moisture	
280-32741-102	PS-65-1.0	Total/NA	Solid	Moisture	
280-32741-103	PS-64-0.25	Total/NA	Solid	Moisture	
280-32741-104	PS-64-1.0	Total/NA	Solid	Moisture	
280-32741-105	PS-63-0.25	Total/NA	Solid	Moisture	
280-32741-106	PS-63-1.0	Total/NA	Solid	Moisture	
280-32741-107	PS-60-0.25	Total/NA	Solid	Moisture	
280-32741-108	PS-60-1.0	Total/NA	Solid	Moisture	
280-32741-108 DU	PS-60-1.0	Total/NA	Solid	Moisture	
280-32741-109	WC-082912	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-11-0.25 — Lab Sample ID: 280-32741-1

Date Collected: 08/27/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.0 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 23:45	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-11-1.0 — Lab Sample ID: 280-32741-2

Date Collected: 08/27/12 11:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.3 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 00:57	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-12-0.25 — Lab Sample ID: 280-32741-3

Date Collected: 08/27/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 01:20	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-12-1.0 — Lab Sample ID: 280-32741-4

Date Collected: 08/27/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.8 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 01:44	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-13-0.25 — Lab Sample ID: 280-32741-5

Date Collected: 08/27/12 11:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 94.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.3 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 02:31	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-13-1.0 — Lab Sample ID: 280-32741-6

Date Collected: 08/27/12 11:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 02:55	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-14-0.25 — Lab Sample ID: 280-32741-7

Date Collected: 08/27/12 12:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		2			137461	09/15/12 03:19	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-14-1.0 — Lab Sample ID: 280-32741-8

Date Collected: 08/27/12 12:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			33.0 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 03:42	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-15-0.25 — Lab Sample ID: 280-32741-9

Date Collected: 08/27/12 12:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 04:06	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-15-1.0 — Lab Sample ID: 280-32741-10

Date Collected: 08/27/12 12:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/15/12 04:30	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-16-0.25

Lab Sample ID: 280-32741-11
Date Collected: 08/27/12 12:55
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 17:54	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-16-1.0

Lab Sample ID: 280-32741-12
Date Collected: 08/27/12 12:55
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 19:27	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-17-0.25

Lab Sample ID: 280-32741-13
Date Collected: 08/27/12 13:40
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		10			137335	09/10/12 19:50	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-17-1.0

Lab Sample ID: 280-32741-14
Date Collected: 08/27/12 13:40
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 20:13	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-18-0.25

Lab Sample ID: 280-32741-15
Date Collected: 08/27/12 13:50
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		2			137622	09/14/12 10:06	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-18-1.0 — Lab Sample ID: 280-32741-16

Date Collected: 08/27/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.0 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 20:59	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-19-0.25 — Lab Sample ID: 280-32741-17

Date Collected: 08/27/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 21:22	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-19-1.0 — Lab Sample ID: 280-32741-18

Date Collected: 08/27/12 14:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.9 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 21:45	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-20-0.25 — Lab Sample ID: 280-32741-19

Date Collected: 08/27/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		2			137622	09/14/12 10:27	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-20-1.0 — Lab Sample ID: 280-32741-20

Date Collected: 08/27/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.8 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 22:31	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-21-0.25

Lab Sample ID: 280-32741-21
Date Collected: 08/27/12 14:45
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 22:54	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-21-1.0

Lab Sample ID: 280-32741-22
Date Collected: 08/27/12 14:45
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/10/12 23:17	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-22-0.25

Lab Sample ID: 280-32741-23
Date Collected: 08/27/12 14:55
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		10			137335	09/10/12 23:40	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-22-1.0

Lab Sample ID: 280-32741-24
Date Collected: 08/27/12 14:55
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/11/12 00:03	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-23-0.25

Lab Sample ID: 280-32741-25
Date Collected: 08/27/12 15:05
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		2			137622	09/14/12 10:48	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-23-1.0 — Lab Sample ID: 280-32741-26

Date Collected: 08/27/12 15:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.0 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		5			137622	09/14/12 11:09	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-24-0.25 — Lab Sample ID: 280-32741-27

Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/11/12 01:12	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-24-1.0 — Lab Sample ID: 280-32741-28

Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/11/12 01:36	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-25-0.25 — Lab Sample ID: 280-32741-29

Date Collected: 08/27/12 15:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.8 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		2			137622	09/14/12 11:30	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-25-1.0 — Lab Sample ID: 280-32741-30

Date Collected: 08/27/12 15:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	10000 uL	135505	09/02/12 09:45	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137335	09/11/12 02:22	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-28-0.25

Lab Sample ID: 280-32741-31
Date Collected: 08/27/12 15:40
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 14:17	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-28-1.0

Lab Sample ID: 280-32741-32
Date Collected: 08/27/12 15:40
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.9 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 15:28	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-26-0.25

Lab Sample ID: 280-32741-33
Date Collected: 08/28/12 07:20
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 15:52	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-26-1.0

Lab Sample ID: 280-32741-34
Date Collected: 08/28/12 07:20
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.5 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 16:16	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-27-0.25

Lab Sample ID: 280-32741-35
Date Collected: 08/28/12 07:30
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.3 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 16:39	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-27-1.0 — Lab Sample ID: 280-32741-36

Date Collected: 08/28/12 07:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.9 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 17:03	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-29-0.25 — Lab Sample ID: 280-32741-37

Date Collected: 08/28/12 07:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 96.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 17:50	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-29-1.0 — Lab Sample ID: 280-32741-38

Date Collected: 08/28/12 07:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.6 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 18:14	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 14:10	SG	TAL DEN

Client Sample ID: PS-30-0.25 — Lab Sample ID: 280-32741-39

Date Collected: 08/28/12 07:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.8 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		4			137494	09/15/12 11:45	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-30-1.0 — Lab Sample ID: 280-32741-40

Date Collected: 08/28/12 07:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 19:01	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-33-0.25 — Lab Sample ID: 280-32741-41

Date Collected: 08/28/12 08:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.6 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 19:25	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-33-1.0 — Lab Sample ID: 280-32741-42

Date Collected: 08/28/12 08:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 82.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 19:49	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-31-0.25 — Lab Sample ID: 280-32741-43

Date Collected: 08/28/12 08:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 20:12	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-31-1.0 — Lab Sample ID: 280-32741-44

Date Collected: 08/28/12 08:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.6 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 20:36	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-32-0.25 — Lab Sample ID: 280-32741-45

Date Collected: 08/28/12 08:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.9 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 21:00	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-32-1.0 — Lab Sample ID: 280-32741-46

Date Collected: 08/28/12 08:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137494	09/15/12 12:56	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-34-0.25 — Lab Sample ID: 280-32741-47

Date Collected: 08/28/12 08:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 22:11	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-34-1.0 — Lab Sample ID: 280-32741-48

Date Collected: 08/28/12 08:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 82.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 22:34	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-37-0.25 — Lab Sample ID: 280-32741-49

Date Collected: 08/28/12 08:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.9 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 22:58	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-37-1.0 — Lab Sample ID: 280-32741-50

Date Collected: 08/28/12 08:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	135506	09/02/12 12:05	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 23:22	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-36-0.25

Lab Sample ID: 280-32741-51
Date Collected: 08/28/12 09:00
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 11:22	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-36-1.0

Lab Sample ID: 280-32741-52
Date Collected: 08/28/12 09:00
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 12:25	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-35-0.25

Lab Sample ID: 280-32741-53
Date Collected: 08/28/12 09:10
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 12:47	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-35-1.0

Lab Sample ID: 280-32741-54
Date Collected: 08/28/12 09:10
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 13:08	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-38-0.25

Lab Sample ID: 280-32741-55
Date Collected: 08/28/12 09:20
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.7 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 13:29	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-38-1.0 — Lab Sample ID: 280-32741-56

Date Collected: 08/28/12 09:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 13:50	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-39-0.25 — Lab Sample ID: 280-32741-57

Date Collected: 08/28/12 09:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 14:11	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:10	SG	TAL DEN

Client Sample ID: PS-39-1.0 — Lab Sample ID: 280-32741-58

Date Collected: 08/28/12 09:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 82.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.5 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 14:32	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-41-0.25 — Lab Sample ID: 280-32741-59

Date Collected: 08/28/12 09:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 14:53	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-41-1.0 — Lab Sample ID: 280-32741-60

Date Collected: 08/28/12 09:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 15:14	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-40-0.25

Lab Sample ID: 280-32741-61
Date Collected: 08/28/12 10:15
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 15:35	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-40-1.0

Lab Sample ID: 280-32741-62
Date Collected: 08/28/12 10:15
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.1 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 15:56	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-42-0.25

Lab Sample ID: 280-32741-63
Date Collected: 08/28/12 10:45
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 16:17	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-42-1.0

Lab Sample ID: 280-32741-64
Date Collected: 08/28/12 10:45
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 16:38	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-43-0.25

Lab Sample ID: 280-32741-65
Date Collected: 08/28/12 11:05
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.1 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 16:59	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-43-1.0 — Lab Sample ID: 280-32741-66

Date Collected: 08/28/12 11:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.9 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 17:21	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-44-0.25 — Lab Sample ID: 280-32741-67

Date Collected: 08/28/12 11:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.2 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 18:24	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-44-1.0 — Lab Sample ID: 280-32741-68

Date Collected: 08/28/12 11:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 18:45	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-47-0.25 — Lab Sample ID: 280-32741-69

Date Collected: 08/28/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 90.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 19:06	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Client Sample ID: PS-47-1.0 — Lab Sample ID: 280-32741-70

Date Collected: 08/28/12 11:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135615	09/04/12 17:37	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 19:27	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135643	09/04/12 15:11	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-45-0.25 — Lab Sample ID: 280-32741-71

Date Collected: 08/28/12 12:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 94.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 20:30	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-45-1.0 — Lab Sample ID: 280-32741-72

Date Collected: 08/28/12 12:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 21:33	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-46-0.25 — Lab Sample ID: 280-32741-73

Date Collected: 08/28/12 12:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.2 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 21:54	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-46-1.0 — Lab Sample ID: 280-32741-74

Date Collected: 08/28/12 12:40 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 22:15	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-53-0.25 — Lab Sample ID: 280-32741-75

Date Collected: 08/28/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 88.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 22:36	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-53-1.0 — Lab Sample ID: 280-32741-76

Date Collected: 08/28/12 12:55 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 80.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 22:57	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-54-0.25 — Lab Sample ID: 280-32741-77

Date Collected: 08/28/12 13:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 89.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 23:18	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-54-1.0 — Lab Sample ID: 280-32741-78

Date Collected: 08/28/12 13:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/17/12 23:39	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-48-0.25 — Lab Sample ID: 280-32741-79

Date Collected: 08/28/12 13:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 00:00	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-48-1.0 — Lab Sample ID: 280-32741-80

Date Collected: 08/28/12 13:25 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 80.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 00:22	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-49-0.25 — Lab Sample ID: 280-32741-81

Date Collected: 08/28/12 13:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.5 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 00:43	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-49-1.0 — Lab Sample ID: 280-32741-82

Date Collected: 08/28/12 13:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 01:04	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-50-0.25 — Lab Sample ID: 280-32741-83

Date Collected: 08/28/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 02:07	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-50-1.0 — Lab Sample ID: 280-32741-84

Date Collected: 08/28/12 13:50 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 02:28	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-51-0.25 — Lab Sample ID: 280-32741-85

Date Collected: 08/28/12 14:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 92.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 02:49	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-51-1.0 — Lab Sample ID: 280-32741-86

Date Collected: 08/28/12 14:05 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 03:10	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-52-0.25 — Lab Sample ID: 280-32741-87

Date Collected: 08/28/12 14:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 95.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 03:31	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-52-1.0 — Lab Sample ID: 280-32741-88

Date Collected: 08/28/12 14:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 03:52	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-55-0.25 — Lab Sample ID: 280-32741-89

Date Collected: 08/28/12 14:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.7 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137789	09/18/12 04:13	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-55-1.0 — Lab Sample ID: 280-32741-90

Date Collected: 08/28/12 14:30 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 87.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135642	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		10			137789	09/18/12 04:34	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-56-0.25

Lab Sample ID: 280-32741-91
Date Collected: 08/28/12 14:50
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.0 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		1			137622	09/15/12 04:41	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-56-1.0

Lab Sample ID: 280-32741-92
Date Collected: 08/28/12 14:50
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		1			137622	09/15/12 05:44	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-60-0.25

Lab Sample ID: 280-32741-93
Date Collected: 08/28/12 15:05
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		1			137622	09/15/12 06:05	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-60-1.0

Lab Sample ID: 280-32741-94
Date Collected: 08/28/12 15:05
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		2			137622	09/15/12 06:26	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-59-0.25

Lab Sample ID: 280-32741-95
Date Collected: 08/27/12 15:10
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		5			137622	09/15/12 06:47	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-59-1.0 — Lab Sample ID: 280-32741-96

Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		1			137622	09/15/12 07:08	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-58-0.25 — Lab Sample ID: 280-32741-97

Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.2 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		10			137789	09/18/12 04:55	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-58-1.0 — Lab Sample ID: 280-32741-98

Date Collected: 08/27/12 15:20 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 89.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		1			137622	09/15/12 07:50	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-57-0.25 — Lab Sample ID: 280-32741-99

Date Collected: 08/23/12 10:00 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 93.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		2			137461	09/14/12 06:01	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-57-1.0 — Lab Sample ID: 280-32741-100

Date Collected: 08/23/12 10:15 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 06:24	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-65-0.25

Lab Sample ID: 280-32741-101
Date Collected: 08/23/12 11:00
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.8 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 06:48	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-65-1.0

Lab Sample ID: 280-32741-102
Date Collected: 08/23/12 11:20
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 07:11	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-64-0.25

Lab Sample ID: 280-32741-103
Date Collected: 08/23/12 11:30
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 07:35	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-64-1.0

Lab Sample ID: 280-32741-104
Date Collected: 08/23/12 11:45
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.0 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 07:58	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-63-0.25

Lab Sample ID: 280-32741-105
Date Collected: 08/23/12 13:30
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.0 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 08:46	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-1

Client Sample ID: PS-63-1.0

Lab Sample ID: 280-32741-106

Date Collected: 08/23/12 13:55
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 09:09	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-60-0.25

Lab Sample ID: 280-32741-107

Date Collected: 08/23/12 14:00
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1000			137461	09/14/12 09:33	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: PS-60-1.0

Lab Sample ID: 280-32741-108

Date Collected: 08/23/12 14:15
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	10000 uL	135504	09/02/12 08:50	CRC	TAL DEN
Total/NA	Analysis	8082A		1			137461	09/14/12 09:56	AMP	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:49	SG	TAL DEN

Client Sample ID: WC-082912

Lab Sample ID: 280-32741-109

Date Collected: 08/28/12 08:16
Matrix: Solid
Date Received: 08/30/12 09:30
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.1 g	10000 uL	135669	09/04/12 18:56	AA	TAL DEN
Total/NA	Analysis	8082A		2			137622	09/15/12 08:11	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			135799	09/05/12 10:55	SG	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Login Sample Receipt Checklist

Client: Hargis + Associates, Inc.

Job Number: 280-32741-1

Login Number: 32741
List Number: 1
Creator: Cofoid, Stephen T

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

2.V 2.9 2.6 (VP) 8/30/12

Chain of Custody Record

2.6 1.0 2.9 SH4/low 1RS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D Sharma	Carrier: HAM	1 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			Sampler: BRW/MCH/MFW
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Different Bottles	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis
PS-11 - 0.25	08/29/12	1100	Grab	SOIL	1		X	X	X	X	X	
PS-11 - 1.0		1100		SOIL	1							
PS-12-0.25		1130		SOIL	1							
PS-12 - 1.0		1130		SOIL	1							
PS-13 - 0.25		1150		SOIL	1							
PS-13 - 1.0		1150		SOIL	1							
PS-14 - 0.25		1200		SOIL	1							
PS-14 - 1.0		1200		SOIL	1							
PS-15 - 0.25		1225		SOIL	1							
PS-15 - 1.0		1225		SOIL	1							
PS-16 - 0.25		1255		SOIL	1							
PS-16 - 1.0		1255		SOIL	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See Chem Specific, Extraction, clean up, Analysis and Reporting Requirements

108 Samples

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H&A	8/29/12 1100	[signature]	TASF	8/29/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930

4.5° 4.5°

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: HAND	2 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MEH / MFW

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filter Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-17-0.25	08/27/12	~~Grab~~ 1340	Grab	SOIL	1		X	X	X	X	X		Time = 1340
PS-17-1.0		1340		SOIL	1								
PS-18-0.25		1350		SOIL	1								
PS-18-1.0		1350		SOIL	1								
PS-19-0.25		1400		SOIL	1								
PS-19-1.0		1400		SOIL	1								
PS-20-0.25		1435		SOIL	1								
PS-20-1.0		1435		SOIL	1								
PS-21-0.25		1445		SOIL	1								
PS-21-1.0		1445		SOIL	1								
PS-22-0.25		1455		SOIL	1								
PS-22-1.0		1455		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Sample Extraction, Cleanup, Analysis & Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HGA	8/29/12 1100	[signature]	TASF	8/29/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	3 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: Brw / MGH / AR
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
~~PS-22-0.25~~	08/27/12	~~1455~~	Grab	SOIL	1		X	X	X	X	X		
~~PS-22-1.0~~		~~1455~~		~~SOIL~~	1								
PS-23 - 0.25		1505		SOIL	1								
PS-23 - 1.0		1505		SOIL	1								
PS-24 - 0.25		1520		SOIL	1								
PS-24 - 1.0		1520		SOIL	1								
PS-25 - 0.25		1530		SOIL	1								
PS-25 - 1.0		1536		SOIL	1								
PS-28 - 0.25		1540		SOIL	1								
PS-28 - 1.0		1540		SOIL	1								
PS-26 - 0.25	08/28/12	0720		SOIL	1								
PS-26 - 1.0		0720		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Specific Extraction, clean up, Analysis, and Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H+A	8/29/12 1100	[signature]	TAST	8/29/12 1100
[signature]	TAST	8/29/12 1600	[signature]	TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D Sharma	Carrier: Hand	4 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below 8			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MEH / MFR

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-27-0.25	08/28/12	0730	Grab	SOIL	1		X	X	X	X	X		
PS-27-1.0		0730		SOIL	1								
PS-29-0.25		0740		SOIL	1								
PS-29-1.0		0740		SOIL	1								
PS-30-0.25		0755		SOIL	1								
PS-30-~~0.25~~ 1.0		0755		SOIL	1								
PS-33-0.25		0805		SOIL	1								
PS-33-1.0		0805		SOIL	1								
PS-31-0.25		0815		SOIL	1								
PS-31-1.0		0815		SOIL	1								
PS-32-0.25		0825		SOIL	1								
PS-32-1.0		0825		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Specific extraction, Clean up, Analysis & Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HHA	8/29/12 1100	[signature]	TASF	8/29/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	5 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW/MEH/MEA

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-34-0.25	08/29/12	0635	Grab	SOIL	1	X	X	X	X	X		
PS-34-1.0		0635		SOIL	1							
PS-37-0.25		0850		SOIL	1							
PS-37-1.0		0850		SOIL	1							
PS-36-0.25		0900		SOIL	1							
PS-36-1.0		0900		SOIL	1							
PS-35-0.25		0910		SOIL	1							
PS-35-1.0		0910		SOIL	1							
PS-38-0.25		0920		SOIL	1							
PS-38-1.0		0920		SOIL	1							
PS-39-0.25		0935		SOIL	1							
PS-39-1.0		0935		SOIL	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Sampling, cleanup, Extraction, Analyses and Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H+A	8/29/12 11:00	[signature]	TAST	8/29/12 11:00
[signature]	TAST	8/29/12 1600	[signature]	TA	8/30/12 930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Shannon	Carrier: Hand	6 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) _____			458.7
Phone (480) 345-0888	TAT if different from Below _____			SDG No.
FAX (480) 730-0508	☐ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: Brian Mesh/Mike
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filter this sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-41-0.25	8/28/12	0845	Grab	SOIL	1		X	X	X	X	X		
PS-41-1.0		0845		SOIL	1								
PS-40-0.25		1015		SOIL	1								
PS-40-1.0		1015		SOIL	1								
PS-42-0.25		1045		SOIL	1								
PS-42-1.0		1045		SOIL	1								
PS-43-0.25		1105		SOIL	1								
PS-43-1.0		1105		SOIL	1								
PS-44-0.25		1115		SOIL	1								
PS-44-1.0		1115		SOIL	1								
PS-47-0.25		1130		SOIL	1								
PS-47-1.0		1130		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chem. Special Extraction, Clean up, Analysis & Reporting Reqs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	H+A	8/29/12 1100	[illegible]	TASF	8/29/12 1100
[illegible]	TASF	8/29/12 1600	[illegible]	TA	8/30/12 930

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phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	7 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MEH / MRL

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-45-0.25	08/20/12	1230	Grab	SOIL	1		X	X	X	X	X		
PS-45-1.0		1230		SOIL	1								
PS-46-0.25		1240		SOIL	1								
PS-46-1.0		1240		SOIL	1								
PS-53-0.25		1255		SOIL									
PS-53-1.0		1255		SOIL									
PS-54-0.25		1305		SOIL									
PS-54-1.0		1305		SOIL									
PS-48-0.25		1325		SOIL									
PS-48-1.0		1325		SOIL									
PS-49-0.25		1335		SOIL									
PS-49-1.0		1335		SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain; Specify Extraction, cleanup, Analysis & Reporting Reqs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HHA	8/29/12 1400	[signature]	TASF	8/29/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930

TestAmerica Pleasanton
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Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sandoval	Carrier: Hand	8 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BFW/MEH/MRW

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-50 - 0.25	8/28/12	1350	Grab	SOIL	1		X	X	X	X	X		
PS-50 - 1.0		1350		SOIL	1								
PS-51 - 0.25		1405		SOIL	1								
PS-51 - 1.0		1405		SOIL	1								
PS-52 - 0.25		1420		SOIL	1								
PS-52 - 1.0		1420		SOIL	1								
PS-55 - 0.25		1430		SOIL	1								
PS-55 - 1.0		1430		SOIL	1								
PS-56 - 0.25		1450		SOIL	1								
PS-56 - 1.0		1450		SOIL	1								
PS-60 - 0.25		1505		SOIL	1								
PS-60 - 1.0		1505		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 2

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain, Sample Extraction, Clean up, Analysis & Reporting Req.

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HFA	8/29/12 1100	[signature]	TASF	8/29/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930

TestAmerica Pleasanton
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Pleasanton, CA 94566
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
170440
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Schlumpf	Carrier: Hand	9 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW/MEH/MTW

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Quality	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-59 - 0.25	08/27/12	1510	Grab	SOIL	1		X	X	X	X	X		
PS-59 - 1.0		1510		SOIL	1								
PS-58 - 0.25		1520		SOIL	1								
PS-58 - 1.0		1520		SOIL	1								
PS-57 - 0.25	08/23/12	1000		SOIL	1								
PS-57 - 1.0		1015		SOIL	1								
PS-65 - 0.25		1100		SOIL	1								
PS-65 - 1.0		1120		SOIL	1								
PS-64 - 0.25		1130		SOIL	1								
PS-64 - 1.0		1145		SOIL	1								
PS-63 - 0.25		1330		SOIL	1								
PS-63 - 1.0		1355		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 4

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain; Special Extraction, Clean Up, Analysis & Reporting Reqs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	H+A	8/29/12 1100	[illegible]	SPSA	8/29/12 1100
[illegible]	H+A	8/29/12 1600		TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	10 of 10 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	MS/MSD (Y/N)	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-60-0.25	08/23/12	1400	Grab	SOIL	1		X	X	X	X	X		
PS-60-1.0	↓	1415	↓	SOIL	1		X	X	X	X	X		
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Sample Extraction, Cleanup, Analysis & Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	HFA	8/29/12 1100	[illegible]	TAST	8/29/12 1100
[illegible]	TAST	8/29/12 1600		TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. SHARMA	Carrier: HAND	1 of 1 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MEH

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filter this sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
WC-082912	08/29/12	0866	GRAB	SOIL	1		X	X	X	X	X		
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									
				SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

Special Extraction, Clean up, Analysis & Reporting Requirements:

Temp 7.5°C 4/18

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H+A	8/29/12 1100	[signature]	TASF	8/29/12 1100 AM
[signature]	TASF	8/29/12 1400	[signature]	TA	8/30/12 930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-32590-2
Client Project/Site: Beckman Coulter - Palo Alto, CA

For:
Hargis + Associates, Inc.
1640 S. Stapley Drive
Suite 209
Mesa, Arizona 85204

Attn: Mr. Brian Waggle

Authorized for release by:
10/30/2012 3:32:49 PM

DiLea Griego
Project Manager I
dilea.griego@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

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Job ID: 280-32590-2

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Hargis + Associates, Inc.

Project: Beckman Coulter - Palo Alto, CA

Report Number: 280-32590-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/25/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 3.0 C and 3.4 C.

POLYCHLORINATED BIPHENYLS (PCBS) - METHOD 8082A

Samples PC-23-0.50 (280-32590-47)[20X], PC-25-0.50 (280-32590-49)[200X], PC-26-0.50 (280-32590-50)[50X], PC-27-0.50 (280-32590-51)[20X], PC-30-0.50 (280-32590-54)[5X], PC-31-0.50 (280-32590-55)[4X], PC-32-0.50 (280-32590-56)[10X], PC-33-0.50 (280-32590-57)[10X], PC-34-0.50 (280-32590-58)[4X], PC-36-0.50 (280-32590-60)[5X], PC-38-0.50 (280-32590-62)[5X], PC-40-0.50 (280-32590-64)[5X], PC-42-0.50 (280-32590-66)[5X], PC-44-0.50 (280-32590-68)[5X], PC-46-0.50 (280-32590-70)[5X], PC-48-0.50 (280-32590-72)[5X], PC-50-0.50 (280-32590-74)[5X], PC-52-0.50 (280-32590-76)[5X], PC-53-0.50 (280-32590-77)[5X], PC-63-0.50 (280-32590-87)[5X], PC-65-0.50 (280-32590-89)[5X] and PC-66-0.50 (280-32590-90)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to the abundance of target analytes: PC-23-0.50 (280-32590-47), PC-25-0.50 (280-32590-49), PC-26-0.50 (280-32590-50), PC-27-0.50 (280-32590-51), PC-30-0.50 (280-32590-54), PC-31-0.50 (280-32590-55), PC-32-0.50 (280-32590-56), PC-33-0.50 (280-32590-57), PC-34-0.50 (280-32590-58) and PC-52-0.50 (280-32590-76). As such, surrogate recoveries could not be accurately reported, and elevated reporting limits (RLs) are provided.

Surrogate DCB Decachlorobiphenyl was recovered below the QC control limits in the following sample: PC-45-0.50 (280-32590-69). This anomaly is due to obvious matrix interferences supported by chromatogram data; therefore, corrective action is deemed unnecessary. Sample data should be considered biased low. It was noted; the sample extract was amber in color.

In order to preserve the integrity of the sample instrumentation and decrease the risk of contamination, the following samples were diluted due to the nature of the sample matrix. It was noted; the extracts were opaque brown in color and remained yellow after multiple acid clean-ups: (280-32590-76 MS), (280-32590-76 MSD), PC-36-0.50 (280-32590-60), PC-38-0.50 (280-32590-62), PC-40-0.50 (280-32590-64), PC-42-0.50 (280-32590-66), PC-44-0.50 (280-32590-68), PC-46-0.50 (280-32590-70), PC-48-0.50 (280-32590-72), PC-50-0.50 (280-32590-74), PC-52-0.50 (280-32590-76), PC-53-0.50 (280-32590-77), PC-63-0.50 (280-32590-87), PC-65-0.50 (280-32590-89) and PC-66-0.50 (280-32590-90). As such, the surrogate recovery could not be calculated because the extract was diluted beyond the ability to quantitate a recovery. Elevated reporting limits (RLs) are provided.

The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: (280-32590-47 MS), (280-32590-47 MSD), (280-32590-76 MS), (280-32590-76 MSD), (LCS 280-140095/2-A), (LCS 280-140273/2-A), (MB 280-140095/1-A), (MB 280-140273/1-A), PC-23-0.50 (280-32590-47), PC-25-0.50 (280-32590-49), PC-26-0.50 (280-32590-50), PC-27-0.50 (280-32590-51), PC-29-0.50 (280-32590-53), PC-30-0.50 (280-32590-54), PC-31-0.50 (280-32590-55), PC-32-0.50 (280-32590-56), PC-33-0.50

Job ID: 280-32590-2 (Continued)

Laboratory: TestAmerica Denver (Continued)

(280-32590-57), PC-34-0.50 (280-32590-58), PC-36-0.50 (280-32590-60), PC-38-0.50 (280-32590-62), PC-40-0.50 (280-32590-64), PC-42-0.50 (280-32590-66), PC-44-0.50 (280-32590-68), PC-45-0.50 (280-32590-69), PC-46-0.50 (280-32590-70), PC-47-0.50 (280-32590-71), PC-48-0.50 (280-32590-72), PC-50-0.50 (280-32590-74), PC-52-0.50 (280-32590-76), PC-53-0.50 (280-32590-77), PC-63-0.50 (280-32590-87), PC-64-0.50 (280-32590-88), PC-65-0.50 (280-32590-89) and PC-66-0.50 (280-32590-90).

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-141030 were performed on PC-23-0.50 (280-32590-47) and exhibited recoveries outside control limits for PCB 1260 and PCB-1016. The MS/MSD exhibited surrogate recoveries outside control limits for DCB Decachlorobiphenyl and Tetrachloro-m-xylene. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-141030 were performed on PC-52-0.50 (280-32590-76) and exhibited recoveries outside control limits for PCB-1016 and PCB-1260. The MS/MSD exhibited surrogate recoveries outside control limits for DCB Decachlorobiphenyl. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other difficulties were encountered.

PERCENT SOLIDS

No difficulties were encountered.

Definitions/Glossary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-23-0.50 — Lab Sample ID: 280-32590-47

No Detections

Client Sample ID: PC-25-0.50 — Lab Sample ID: 280-32590-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	33000		6700	530	ug/Kg	200	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	33000		6700	530	ug/Kg	200	☼	8082A	Total/NA

Client Sample ID: PC-26-0.50 — Lab Sample ID: 280-32590-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6100		1600	130	ug/Kg	50	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	6100		1600	130	ug/Kg	50	☼	8082A	Total/NA

Client Sample ID: PC-27-0.50 — Lab Sample ID: 280-32590-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4400		660	53	ug/Kg	20	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	4400		660	53	ug/Kg	20	☼	8082A	Total/NA

Client Sample ID: PC-29-0.50 — Lab Sample ID: 280-32590-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	220		33	2.7	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	220		33	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-30-0.50 — Lab Sample ID: 280-32590-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	890		170	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	890		170	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-31-0.50 — Lab Sample ID: 280-32590-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	460		130	11	ug/Kg	4	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	460		130	11	ug/Kg	4	☼	8082A	Total/NA

Client Sample ID: PC-32-0.50 — Lab Sample ID: 280-32590-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1600		330	27	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1600		330	27	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-33-0.50 — Lab Sample ID: 280-32590-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1500		330	26	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1500		330	26	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-34-0.50 — Lab Sample ID: 280-32590-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	390		130	10	ug/Kg	4	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	390		130	10	ug/Kg	4	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-36-0.50 — Lab Sample ID: 280-32590-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	20	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	20	J	160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-38-0.50 — Lab Sample ID: 280-32590-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	130	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	130	J	160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-40-0.50 — Lab Sample ID: 280-32590-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	750		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	750		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-42-0.50 — Lab Sample ID: 280-32590-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	120	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	120	J	160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-44-0.50 — Lab Sample ID: 280-32590-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	180		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	180		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-45-0.50 — Lab Sample ID: 280-32590-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	170		33	2.7	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	170		33	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-46-0.50 — Lab Sample ID: 280-32590-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	120	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	120	J	160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-47-0.50 — Lab Sample ID: 280-32590-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	260		33	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	260		33	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-48-0.50 — Lab Sample ID: 280-32590-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	310		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	310		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-50-0.50 — Lab Sample ID: 280-32590-74

Client Sample ID: PC-50-0.50 (Continued) — Lab Sample ID: 280-32590-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	170		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	170		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-52-0.50 — Lab Sample ID: 280-32590-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	170		160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	180		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	350		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-53-0.50 — Lab Sample ID: 280-32590-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	140	J	160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	140	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	280		160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-63-0.50 — Lab Sample ID: 280-32590-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	72	J	160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	36	J	160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	110	J	160	13	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-64-0.50 — Lab Sample ID: 280-32590-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	27	J	33	5.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	27	J	33	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-65-0.50 — Lab Sample ID: 280-32590-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	780		150	26	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	360		150	12	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1100		150	12	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PC-66-0.50 — Lab Sample ID: 280-32590-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	750		160	27	ug/Kg	5	☼	8082A	Total/NA
PCB-1260	350		160	13	ug/Kg	5	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1100		160	13	ug/Kg	5	☼	8082A	Total/NA

Method Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL DEN
Moisture	Percent Moisture	EPA	TAL DEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-32590-47	PC-23-0.50	Solid	08/21/12 09:20	08/25/12 09:30
280-32590-49	PC-25-0.50	Solid	08/21/12 10:05	08/25/12 09:30
280-32590-50	PC-26-0.50	Solid	08/21/12 10:00	08/25/12 09:30
280-32590-51	PC-27-0.50	Solid	08/21/12 12:55	08/25/12 09:30
280-32590-53	PC-29-0.50	Solid	08/21/12 11:45	08/25/12 09:30
280-32590-54	PC-30-0.50	Solid	08/21/12 11:55	08/25/12 09:30
280-32590-55	PC-31-0.50	Solid	08/21/12 13:20	08/25/12 09:30
280-32590-56	PC-32-0.50	Solid	08/21/12 14:15	08/25/12 09:30
280-32590-57	PC-33-0.50	Solid	08/21/12 16:15	08/25/12 09:30
280-32590-58	PC-34-0.50	Solid	08/21/12 15:25	08/25/12 09:30
280-32590-60	PC-36-0.50	Solid	08/21/12 16:25	08/25/12 09:30
280-32590-62	PC-38-0.50	Solid	08/21/12 17:15	08/25/12 09:30
280-32590-64	PC-40-0.50	Solid	08/22/12 07:30	08/25/12 09:30
280-32590-66	PC-42-0.50	Solid	08/22/12 08:55	08/25/12 09:30
280-32590-68	PC-44-0.50	Solid	08/22/12 10:05	08/25/12 09:30
280-32590-69	PC-45-0.50	Solid	08/22/12 09:35	08/25/12 09:30
280-32590-70	PC-46-0.50	Solid	08/22/12 11:45	08/25/12 09:30
280-32590-71	PC-47-0.50	Solid	08/22/12 10:45	08/25/12 09:30
280-32590-72	PC-48-0.50	Solid	08/22/12 13:30	08/25/12 09:30
280-32590-74	PC-50-0.50	Solid	08/22/12 14:30	08/25/12 09:30
280-32590-76	PC-52-0.50	Solid	08/22/12 15:35	08/25/12 09:30
280-32590-77	PC-53-0.50	Solid	08/22/12 15:35	08/25/12 09:30
280-32590-87	PC-63-0.50	Solid	08/23/12 08:25	08/25/12 09:30
280-32590-88	PC-64-0.50	Solid	08/23/12 07:20	08/25/12 09:30
280-32590-89	PC-65-0.50	Solid	08/23/12 07:45	08/25/12 09:30
280-32590-90	PC-66-0.50	Solid	08/23/12 07:20	08/25/12 09:30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-23-0.50 — **Lab Sample ID: 280-32590-47**
Date Collected: 08/21/12 09:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		930	310	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1016	ND		650	100	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1232	ND		650	100	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1242	ND		650	180	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1248	ND		650	110	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1254	ND		650	110	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1260	ND		650	52	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1262	ND		650	230	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
PCB-1268	ND		650	78	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20
Polychlorinated biphenyls, Total	ND		650	52	ug/Kg	☼	10/02/12 16:57	10/06/12 12:06	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*48*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 12:06*	*20*
DCB Decachlorobiphenyl	*0*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 12:06*	*20*

Client Sample ID: PC-25-0.50 — **Lab Sample ID: 280-32590-49**
Date Collected: 08/21/12 10:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		9500	3100	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1016	ND		6700	1000	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1232	ND		6700	1000	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1242	ND		6700	1800	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1248	ND		6700	1100	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1254	ND		6700	1100	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1260	**33000**		6700	530	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1262	ND		6700	2300	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
PCB-1268	ND		6700	800	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200
Polychlorinated biphenyls, Total	**33000**		6700	530	ug/Kg	☼	10/02/12 16:57	10/06/12 13:09	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 13:09*	*200*
DCB Decachlorobiphenyl	*0*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 13:09*	*200*

Client Sample ID: PC-26-0.50 — **Lab Sample ID: 280-32590-50**
Date Collected: 08/21/12 10:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		2300	770	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1016	ND		1600	250	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1232	ND		1600	250	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1242	ND		1600	450	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1248	ND		1600	280	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1254	ND		1600	270	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1260	**6100**		1600	130	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1262	ND		1600	570	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
PCB-1268	ND		1600	200	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50
Polychlorinated biphenyls, Total	**6100**		1600	130	ug/Kg	☼	10/02/12 16:57	10/06/12 13:30	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 13:30*	*50*
DCB Decachlorobiphenyl	*89*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 13:30*	*50*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-27-0.50 — **Lab Sample ID: 280-32590-51**
Date Collected: 08/21/12 12:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		940	310	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1016	ND		660	100	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1232	ND		660	100	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1242	ND		660	180	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1248	ND		660	110	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1254	ND		660	110	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1260	**4400**		660	53	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1262	ND		660	230	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
PCB-1268	ND		660	79	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20
Polychlorinated biphenyls, Total	**4400**		660	53	ug/Kg	☼	10/02/12 16:57	10/06/12 13:52	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*36*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 13:52*	*20*
DCB Decachlorobiphenyl	*12*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 13:52*	*20*

Client Sample ID: PC-29-0.50 — **Lab Sample ID: 280-32590-53**
Date Collected: 08/21/12 11:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1016	ND		33	5.1	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1232	ND		33	5.2	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1242	ND		33	9.2	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1248	ND		33	5.7	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1254	ND		33	5.6	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1260	**220**		33	2.7	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1262	ND		33	12	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
PCB-1268	ND		33	4.0	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1
Polychlorinated biphenyls, Total	**220**		33	2.7	ug/Kg	☼	10/02/12 16:57	10/06/12 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*53 - 128*	*10/02/12 16:57*	*10/06/12 03:27*	*1*
DCB Decachlorobiphenyl	*59*		*59 - 130*	*10/02/12 16:57*	*10/06/12 03:27*	*1*

Client Sample ID: PC-30-0.50 — **Lab Sample ID: 280-32590-54**
Date Collected: 08/21/12 11:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	79	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1016	ND		170	26	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1232	ND		170	26	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1242	ND		170	46	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1248	ND		170	28	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1254	ND		170	28	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1260	**890**		170	13	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1262	ND		170	59	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
PCB-1268	ND		170	20	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5
Polychlorinated biphenyls, Total	**890**		170	13	ug/Kg	☼	10/02/12 16:57	10/06/12 14:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 14:13*	*5*
DCB Decachlorobiphenyl	*73*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 14:13*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-31-0.50 — **Lab Sample ID: 280-32590-55**
Date Collected: 08/21/12 13:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		190	63	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1016	ND		130	21	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1232	ND		130	21	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1242	ND		130	37	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1248	ND		130	23	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1254	ND		130	22	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1260	**460**		130	11	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1262	ND		130	47	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
PCB-1268	ND		130	16	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4
Polychlorinated biphenyls, Total	**460**		130	11	ug/Kg	☼	10/02/12 16:57	10/06/12 14:34	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 14:34*	*4*
DCB Decachlorobiphenyl	*67*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 14:34*	*4*

Client Sample ID: PC-32-0.50 — **Lab Sample ID: 280-32590-56**
Date Collected: 08/21/12 14:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		470	160	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1016	ND		330	51	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1232	ND		330	52	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1242	ND		330	92	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1248	ND		330	56	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1254	ND		330	56	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1260	**1600**		330	27	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1262	ND		330	120	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
PCB-1268	ND		330	40	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10
Polychlorinated biphenyls, Total	**1600**		330	27	ug/Kg	☼	10/02/12 16:57	10/06/12 14:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 14:55*	*10*
DCB Decachlorobiphenyl	*58*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 14:55*	*10*

Client Sample ID: PC-33-0.50 — **Lab Sample ID: 280-32590-57**
Date Collected: 08/21/12 16:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		470	150	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1016	ND		330	50	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1232	ND		330	51	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1242	ND		330	90	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1248	ND		330	56	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1254	ND		330	55	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1260	**1500**		330	26	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1262	ND		330	110	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
PCB-1268	ND		330	39	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10
Polychlorinated biphenyls, Total	**1500**		330	26	ug/Kg	☼	10/02/12 16:57	10/06/12 15:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 15:16*	*10*
DCB Decachlorobiphenyl	*62*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 15:16*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-34-0.50 — **Lab Sample ID: 280-32590-58**
Date Collected: 08/21/12 15:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		180	60	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1016	ND		130	20	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1232	ND		130	20	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1242	ND		130	35	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1248	ND		130	22	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1254	ND		130	21	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1260	**390**		130	10	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1262	ND		130	45	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
PCB-1268	ND		130	15	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4
Polychlorinated biphenyls, Total	**390**		130	10	ug/Kg	☼	10/02/12 16:57	10/06/12 15:37	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 15:37*	*4*
DCB Decachlorobiphenyl	*71*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 15:37*	*4*

Client Sample ID: PC-36-0.50 — **Lab Sample ID: 280-32590-60**
Date Collected: 08/21/12 16:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	76	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1016	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1232	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1242	ND		160	45	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1248	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1254	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1260	**20**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1262	ND		160	57	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
PCB-1268	ND		160	19	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5
Polychlorinated biphenyls, Total	**20**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 05:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 05:33*	*5*
DCB Decachlorobiphenyl	*30*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 05:33*	*5*

Client Sample ID: PC-38-0.50 — **Lab Sample ID: 280-32590-62**
Date Collected: 08/21/12 17:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	78	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1016	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1232	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1242	ND		160	45	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1248	ND		160	28	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1254	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1260	**130**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1262	ND		160	58	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
PCB-1268	ND		160	20	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5
Polychlorinated biphenyls, Total	**130**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 06:16	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*45*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 06:16*	*5*
DCB Decachlorobiphenyl	*15*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 06:16*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-40-0.50 — **Lab Sample ID: 280-32590-64**
Date Collected: 08/22/12 07:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		220	74	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1016	ND		160	24	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1232	ND		160	24	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1242	ND		160	43	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1248	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1254	ND		160	26	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1260	**750**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1262	ND		160	55	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
PCB-1268	ND		160	19	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5
Polychlorinated biphenyls, Total	**750**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 06:37	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 06:37*	*5*
DCB Decachlorobiphenyl	*37*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 06:37*	*5*

Client Sample ID: PC-42-0.50 — **Lab Sample ID: 280-32590-66**
Date Collected: 08/22/12 08:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		220	74	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1016	ND		160	24	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1232	ND		160	24	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1242	ND		160	43	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1248	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1254	ND		160	26	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1260	**120**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1262	ND		160	55	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
PCB-1268	ND		160	19	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5
Polychlorinated biphenyls, Total	**120**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 06:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 06:58*	*5*
DCB Decachlorobiphenyl	*35*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 06:58*	*5*

Client Sample ID: PC-44-0.50 — **Lab Sample ID: 280-32590-68**
Date Collected: 08/22/12 10:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	78	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1016	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1232	ND		160	26	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1242	ND		160	46	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1248	ND		160	28	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1254	ND		160	28	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1260	**180**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1262	ND		160	58	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
PCB-1268	ND		160	20	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5
Polychlorinated biphenyls, Total	**180**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 07:19	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 07:19*	*5*
DCB Decachlorobiphenyl	*32*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 07:19*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-45-0.50 — **Lab Sample ID: 280-32590-69**
Date Collected: 08/22/12 09:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1016	ND		33	5.1	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1232	ND		33	5.2	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1242	ND		33	9.2	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1248	ND		33	5.7	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1254	ND		33	5.6	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1260	**170**		33	2.7	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1262	ND		33	12	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
PCB-1268	ND		33	4.0	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1
Polychlorinated biphenyls, Total	**170**		33	2.7	ug/Kg	☼	10/02/12 16:57	10/06/12 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*53 - 128*	*10/02/12 16:57*	*10/06/12 07:40*	*1*
DCB Decachlorobiphenyl	*51*	*X*	*59 - 130*	*10/02/12 16:57*	*10/06/12 07:40*	*1*

Client Sample ID: PC-46-0.50 — **Lab Sample ID: 280-32590-70**
Date Collected: 08/22/12 11:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		220	74	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1016	ND		160	24	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1232	ND		160	24	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1242	ND		160	44	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1248	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1254	ND		160	26	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1260	**120**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1262	ND		160	55	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
PCB-1268	ND		160	19	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5
Polychlorinated biphenyls, Total	**120**	**J**	160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 08:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 08:01*	*5*
DCB Decachlorobiphenyl	*36*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 08:01*	*5*

Client Sample ID: PC-47-0.50 — **Lab Sample ID: 280-32590-71**
Date Collected: 08/22/12 10:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1016	ND		33	5.0	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1232	ND		33	5.1	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1242	ND		33	9.0	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1248	ND		33	5.5	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1254	ND		33	5.4	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1260	**260**		33	2.6	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1262	ND		33	11	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
PCB-1268	ND		33	3.9	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1
Polychlorinated biphenyls, Total	**260**		33	2.6	ug/Kg	☼	10/02/12 16:57	10/06/12 08:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*53 - 128*	*10/02/12 16:57*	*10/06/12 08:22*	*1*
DCB Decachlorobiphenyl	*61*		*59 - 130*	*10/02/12 16:57*	*10/06/12 08:22*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-48-0.50 — **Lab Sample ID: 280-32590-72**
Date Collected: 08/22/12 13:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	76	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1016	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1232	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1242	ND		160	45	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1248	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1254	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1260	**310**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1262	ND		160	57	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
PCB-1268	ND		160	19	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5
Polychlorinated biphenyls, Total	**310**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 08:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 08:43*	*5*
DCB Decachlorobiphenyl	*40*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 08:43*	*5*

Client Sample ID: PC-50-0.50 — **Lab Sample ID: 280-32590-74**
Date Collected: 08/22/12 14:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	76	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1016	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1232	ND		160	25	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1242	ND		160	45	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1248	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1254	ND		160	27	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1260	**170**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1262	ND		160	57	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
PCB-1268	ND		160	19	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5
Polychlorinated biphenyls, Total	**170**		160	13	ug/Kg	☼	10/02/12 16:57	10/06/12 09:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*	*D*	*53 - 128*	*10/02/12 16:57*	*10/06/12 09:04*	*5*
DCB Decachlorobiphenyl	*36*	*D*	*59 - 130*	*10/02/12 16:57*	*10/06/12 09:04*	*5*

Client Sample ID: PC-52-0.50 — **Lab Sample ID: 280-32590-76**
Date Collected: 08/22/12 15:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	76	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1016	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1232	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1242	ND		160	45	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1248	ND		160	27	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1254	**170**		160	27	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1260	**180**		160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1262	ND		160	57	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
PCB-1268	ND		160	19	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5
Polychlorinated biphenyls, Total	**350**		160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 18:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*	*D*	*53 - 128*	*10/03/12 18:10*	*10/05/12 18:18*	*5*
DCB Decachlorobiphenyl	*36*	*D*	*59 - 130*	*10/03/12 18:10*	*10/05/12 18:18*	*5*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-53-0.50 — **Lab Sample ID: 280-32590-77**
Date Collected: 08/22/12 15:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	75	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1016	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1232	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1242	ND		160	44	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1248	ND		160	27	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1254	**140**	**J**	160	27	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1260	**140**	**J**	160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1262	ND		160	56	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
PCB-1268	ND		160	19	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5
Polychlorinated biphenyls, Total	**280**		160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 19:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*	*D*	*53 - 128*	*10/03/12 18:10*	*10/05/12 19:21*	*5*
DCB Decachlorobiphenyl	*37*	*D*	*59 - 130*	*10/03/12 18:10*	*10/05/12 19:21*	*5*

Client Sample ID: PC-63-0.50 — **Lab Sample ID: 280-32590-87**
Date Collected: 08/23/12 08:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	75	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1016	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1232	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1242	ND		160	44	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1248	ND		160	27	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1254	**72**	**J**	160	27	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1260	**36**	**J**	160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1262	ND		160	56	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
PCB-1268	ND		160	19	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5
Polychlorinated biphenyls, Total	**110**	**J**	160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 19:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*	*D*	*53 - 128*	*10/03/12 18:10*	*10/05/12 19:43*	*5*
DCB Decachlorobiphenyl	*31*	*D*	*59 - 130*	*10/03/12 18:10*	*10/05/12 19:43*	*5*

Client Sample ID: PC-64-0.50 — **Lab Sample ID: 280-32590-88**
Date Collected: 08/23/12 07:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.3**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1016	ND		33	5.1	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1232	ND		33	5.2	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1242	ND		33	9.2	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1248	ND		33	5.7	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1254	**27**	**J**	33	5.6	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1260	ND		33	2.7	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1262	ND		33	12	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
PCB-1268	ND		33	4.0	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1
Polychlorinated biphenyls, Total	**27**	**J**	33	2.7	ug/Kg	☼	10/03/12 18:10	10/05/12 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*53 - 128*	*10/03/12 18:10*	*10/05/12 20:04*	*1*
DCB Decachlorobiphenyl	*73*		*59 - 130*	*10/03/12 18:10*	*10/05/12 20:04*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-65-0.50 — **Lab Sample ID: 280-32590-89**
Date Collected: 08/23/12 07:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		220	73	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1016	ND		150	24	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1232	ND		150	24	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1242	ND		150	42	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1248	ND		150	26	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1254	**780**		150	26	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1260	**360**		150	12	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1262	ND		150	54	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
PCB-1268	ND		150	18	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5
Polychlorinated biphenyls, Total	**1100**		150	12	ug/Kg	☼	10/03/12 18:10	10/05/12 20:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*	*D*	*53 - 128*	*10/03/12 18:10*	*10/05/12 20:25*	*5*
DCB Decachlorobiphenyl	*38*	*D*	*59 - 130*	*10/03/12 18:10*	*10/05/12 20:25*	*5*

Client Sample ID: PC-66-0.50 — **Lab Sample ID: 280-32590-90**
Date Collected: 08/23/12 07:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		230	77	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1016	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1232	ND		160	25	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1242	ND		160	45	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1248	ND		160	28	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1254	**750**		160	27	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1260	**350**		160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1262	ND		160	57	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
PCB-1268	ND		160	19	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5
Polychlorinated biphenyls, Total	**1100**		160	13	ug/Kg	☼	10/03/12 18:10	10/05/12 20:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*	*D*	*53 - 128*	*10/03/12 18:10*	*10/05/12 20:46*	*5*
DCB Decachlorobiphenyl	*41*	*D*	*59 - 130*	*10/03/12 18:10*	*10/05/12 20:46*	*5*

General Chemistry

Client Sample ID: PC-23-0.50 — **Lab Sample ID: 280-32590-47**
Date Collected: 08/21/12 09:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**2.0**		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-25-0.50 — **Lab Sample ID: 280-32590-49**
Date Collected: 08/21/12 10:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**1.8**		0.10	0.10	%			10/01/12 14:14	1

General Chemistry

Client Sample ID: PC-26-0.50 — **Lab Sample ID: 280-32590-50**
Date Collected: 08/21/12 10:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.5		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-27-0.50 — **Lab Sample ID: 280-32590-51**
Date Collected: 08/21/12 12:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.2		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-29-0.50 — **Lab Sample ID: 280-32590-53**
Date Collected: 08/21/12 11:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.1		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-30-0.50 — **Lab Sample ID: 280-32590-54**
Date Collected: 08/21/12 11:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.5		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-31-0.50 — **Lab Sample ID: 280-32590-55**
Date Collected: 08/21/12 13:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.9		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-32-0.50 — **Lab Sample ID: 280-32590-56**
Date Collected: 08/21/12 14:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.5		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-33-0.50 — **Lab Sample ID: 280-32590-57**
Date Collected: 08/21/12 16:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.1		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-34-0.50 — **Lab Sample ID: 280-32590-58**
Date Collected: 08/21/12 15:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.0		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-36-0.50 — **Lab Sample ID: 280-32590-60**
Date Collected: 08/21/12 16:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.37		0.10	0.10	%			10/01/12 14:14	1

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

General Chemistry

Client Sample ID: PC-38-0.50 — **Lab Sample ID: 280-32590-62**
Date Collected: 08/21/12 17:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.51		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-40-0.50 — **Lab Sample ID: 280-32590-64**
Date Collected: 08/22/12 07:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.38		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-42-0.50 — **Lab Sample ID: 280-32590-66**
Date Collected: 08/22/12 08:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.73		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-44-0.50 — **Lab Sample ID: 280-32590-68**
Date Collected: 08/22/12 10:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.18		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-45-0.50 — **Lab Sample ID: 280-32590-69**
Date Collected: 08/22/12 09:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.5		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-46-0.50 — **Lab Sample ID: 280-32590-70**
Date Collected: 08/22/12 11:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.49		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-47-0.50 — **Lab Sample ID: 280-32590-71**
Date Collected: 08/22/12 10:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.0		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-48-0.50 — **Lab Sample ID: 280-32590-72**
Date Collected: 08/22/12 13:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.38		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-50-0.50 — **Lab Sample ID: 280-32590-74**
Date Collected: 08/22/12 14:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.18		0.10	0.10	%			10/01/12 14:14	1

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

General Chemistry

Client Sample ID: PC-52-0.50 — **Lab Sample ID: 280-32590-76**
Date Collected: 08/22/12 15:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.31		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-53-0.50 — **Lab Sample ID: 280-32590-77**
Date Collected: 08/22/12 15:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.51		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-63-0.50 — **Lab Sample ID: 280-32590-87**
Date Collected: 08/23/12 08:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.12		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-64-0.50 — **Lab Sample ID: 280-32590-88**
Date Collected: 08/23/12 07:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.7		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-65-0.50 — **Lab Sample ID: 280-32590-89**
Date Collected: 08/23/12 07:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.25		0.10	0.10	%			10/01/12 14:14	1

Client Sample ID: PC-66-0.50 — **Lab Sample ID: 280-32590-90**
Date Collected: 08/23/12 07:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.48		0.10	0.10	%			10/01/12 14:14	1

QC Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 280-140095/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140095**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1016	ND		32	4.9	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1232	ND		32	4.9	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1242	ND		32	8.8	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1248	ND		32	5.4	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1254	ND		32	5.3	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1260	ND		32	2.5	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1262	ND		32	11	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
PCB-1268	ND		32	3.8	ug/Kg		10/02/12 16:57	10/06/12 00:38	1
Polychlorinated biphenyls, Total	ND		32	2.5	ug/Kg		10/02/12 16:57	10/06/12 00:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*53 - 128*	*10/02/12 16:57*	*10/06/12 00:38*	*1*
DCB Decachlorobiphenyl	*100*		*59 - 130*	*10/02/12 16:57*	*10/06/12 00:38*	*1*

Lab Sample ID: LCS 280-140095/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140095**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	65.4	64.9		ug/Kg		99	54 - 132
PCB-1260	65.4	67.8		ug/Kg		104	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*53 - 128*
DCB Decachlorobiphenyl	*97*		*59 - 130*

Lab Sample ID: 280-32590-47 MS — **Client Sample ID: PC-23-0.50**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140095**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		66.1	ND	D	ug/Kg	☼	NC	54 - 132
PCB-1260	ND		66.1	392	J D	ug/Kg	☼	592	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*52*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*8*	*D*	*59 - 130*

Lab Sample ID: 280-32590-47 MSD — **Client Sample ID: PC-23-0.50**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140095**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		67.2	ND	D	ug/Kg	☼	NC	54 - 132	NC	36
PCB-1260	ND		67.2	407	J D	ug/Kg	☼	606	62 - 129	4	44

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32590-47 MSD — **Client Sample ID: PC-23-0.50**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140095**

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*46*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*7*	*D*	*59 - 130*

Lab Sample ID: MB 280-140273/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1016	ND		32	4.9	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1232	ND		32	4.9	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1242	ND		32	8.7	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1248	ND		32	5.4	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1254	ND		32	5.3	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1260	ND		32	2.5	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1262	ND		32	11	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1268	ND		32	3.8	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
Polychlorinated biphenyls, Total	ND		32	2.5	ug/Kg		10/03/12 18:10	10/05/12 17:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*53 - 128*	*10/03/12 18:10*	*10/05/12 17:36*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 130*	*10/03/12 18:10*	*10/05/12 17:36*	*1*

Lab Sample ID: LCS 280-140273/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	65.4	69.1		ug/Kg		106	54 - 132
PCB-1260	65.4	67.4		ug/Kg		103	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*		*53 - 128*
DCB Decachlorobiphenyl	*91*		*59 - 130*

Lab Sample ID: 280-32590-76 MS — **Client Sample ID: PC-52-0.50**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		64.5	ND	D	ug/Kg	☼	0	54 - 132
PCB-1260	180		64.5	184	D	ug/Kg	☼	10	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*34*	*D*	*59 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32590-76 MSD — **Client Sample ID: PC-52-0.50**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		66.7	34.2	J D	ug/Kg	☼	51	54 - 132	NC	36
PCB-1260	180		66.7	214	D	ug/Kg	☼	55	62 - 129	15	44

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*84*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*40*	*D*	*59 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 280-32590-57 DU — **Client Sample ID: PC-33-0.50**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139871

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	2.1			1.9		%				6	20

Lab Sample ID: 280-33916-A-1 DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139871

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.7			6.5		%				3	20

QC Association Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

GC Semi VOA

Prep Batch: 140095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-47	PC-23-0.50	Total/NA	Solid	3550C	
280-32590-47 MS	PC-23-0.50	Total/NA	Solid	3550C	
280-32590-47 MSD	PC-23-0.50	Total/NA	Solid	3550C	
280-32590-49	PC-25-0.50	Total/NA	Solid	3550C	
280-32590-50	PC-26-0.50	Total/NA	Solid	3550C	
280-32590-51	PC-27-0.50	Total/NA	Solid	3550C	
280-32590-53	PC-29-0.50	Total/NA	Solid	3550C	
280-32590-54	PC-30-0.50	Total/NA	Solid	3550C	
280-32590-55	PC-31-0.50	Total/NA	Solid	3550C	
280-32590-56	PC-32-0.50	Total/NA	Solid	3550C	
280-32590-57	PC-33-0.50	Total/NA	Solid	3550C	
280-32590-58	PC-34-0.50	Total/NA	Solid	3550C	
280-32590-60	PC-36-0.50	Total/NA	Solid	3550C	
280-32590-62	PC-38-0.50	Total/NA	Solid	3550C	
280-32590-64	PC-40-0.50	Total/NA	Solid	3550C	
280-32590-66	PC-42-0.50	Total/NA	Solid	3550C	
280-32590-68	PC-44-0.50	Total/NA	Solid	3550C	
280-32590-69	PC-45-0.50	Total/NA	Solid	3550C	
280-32590-70	PC-46-0.50	Total/NA	Solid	3550C	
280-32590-71	PC-47-0.50	Total/NA	Solid	3550C	
280-32590-72	PC-48-0.50	Total/NA	Solid	3550C	
280-32590-74	PC-50-0.50	Total/NA	Solid	3550C	
LCS 280-140095/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-140095/1-A	Method Blank	Total/NA	Solid	3550C	

Prep Batch: 140273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-76	PC-52-0.50	Total/NA	Solid	3550C	
280-32590-76 MS	PC-52-0.50	Total/NA	Solid	3550C	
280-32590-76 MSD	PC-52-0.50	Total/NA	Solid	3550C	
280-32590-77	PC-53-0.50	Total/NA	Solid	3550C	
280-32590-87	PC-63-0.50	Total/NA	Solid	3550C	
280-32590-88	PC-64-0.50	Total/NA	Solid	3550C	
280-32590-89	PC-65-0.50	Total/NA	Solid	3550C	
280-32590-90	PC-66-0.50	Total/NA	Solid	3550C	
LCS 280-140273/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-140273/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 141030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-47	PC-23-0.50	Total/NA	Solid	8082A	140095
280-32590-47 MS	PC-23-0.50	Total/NA	Solid	8082A	140095
280-32590-47 MSD	PC-23-0.50	Total/NA	Solid	8082A	140095
280-32590-49	PC-25-0.50	Total/NA	Solid	8082A	140095
280-32590-50	PC-26-0.50	Total/NA	Solid	8082A	140095
280-32590-51	PC-27-0.50	Total/NA	Solid	8082A	140095
280-32590-53	PC-29-0.50	Total/NA	Solid	8082A	140095
280-32590-54	PC-30-0.50	Total/NA	Solid	8082A	140095
280-32590-55	PC-31-0.50	Total/NA	Solid	8082A	140095
280-32590-56	PC-32-0.50	Total/NA	Solid	8082A	140095
280-32590-57	PC-33-0.50	Total/NA	Solid	8082A	140095
280-32590-58	PC-34-0.50	Total/NA	Solid	8082A	140095

GC Semi VOA (Continued)

Analysis Batch: 141030 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-60	PC-36-0.50	Total/NA	Solid	8082A	140095
280-32590-62	PC-38-0.50	Total/NA	Solid	8082A	140095
280-32590-64	PC-40-0.50	Total/NA	Solid	8082A	140095
280-32590-66	PC-42-0.50	Total/NA	Solid	8082A	140095
280-32590-68	PC-44-0.50	Total/NA	Solid	8082A	140095
280-32590-69	PC-45-0.50	Total/NA	Solid	8082A	140095
280-32590-70	PC-46-0.50	Total/NA	Solid	8082A	140095
280-32590-71	PC-47-0.50	Total/NA	Solid	8082A	140095
280-32590-72	PC-48-0.50	Total/NA	Solid	8082A	140095
280-32590-74	PC-50-0.50	Total/NA	Solid	8082A	140095
280-32590-76	PC-52-0.50	Total/NA	Solid	8082A	140273
280-32590-76 MS	PC-52-0.50	Total/NA	Solid	8082A	140273
280-32590-76 MSD	PC-52-0.50	Total/NA	Solid	8082A	140273
280-32590-77	PC-53-0.50	Total/NA	Solid	8082A	140273
280-32590-87	PC-63-0.50	Total/NA	Solid	8082A	140273
280-32590-88	PC-64-0.50	Total/NA	Solid	8082A	140273
280-32590-89	PC-65-0.50	Total/NA	Solid	8082A	140273
280-32590-90	PC-66-0.50	Total/NA	Solid	8082A	140273
LCS 280-140095/2-A	Lab Control Sample	Total/NA	Solid	8082A	140095
LCS 280-140273/2-A	Lab Control Sample	Total/NA	Solid	8082A	140273
MB 280-140095/1-A	Method Blank	Total/NA	Solid	8082A	140095
MB 280-140273/1-A	Method Blank	Total/NA	Solid	8082A	140273

General Chemistry

Analysis Batch: 139871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-47	PC-23-0.50	Total/NA	Solid	Moisture	
280-32590-49	PC-25-0.50	Total/NA	Solid	Moisture	
280-32590-50	PC-26-0.50	Total/NA	Solid	Moisture	
280-32590-51	PC-27-0.50	Total/NA	Solid	Moisture	
280-32590-53	PC-29-0.50	Total/NA	Solid	Moisture	
280-32590-54	PC-30-0.50	Total/NA	Solid	Moisture	
280-32590-55	PC-31-0.50	Total/NA	Solid	Moisture	
280-32590-56	PC-32-0.50	Total/NA	Solid	Moisture	
280-32590-57	PC-33-0.50	Total/NA	Solid	Moisture	
280-32590-57 DU	PC-33-0.50	Total/NA	Solid	Moisture	
280-32590-58	PC-34-0.50	Total/NA	Solid	Moisture	
280-32590-60	PC-36-0.50	Total/NA	Solid	Moisture	
280-32590-62	PC-38-0.50	Total/NA	Solid	Moisture	
280-32590-64	PC-40-0.50	Total/NA	Solid	Moisture	
280-32590-66	PC-42-0.50	Total/NA	Solid	Moisture	
280-32590-68	PC-44-0.50	Total/NA	Solid	Moisture	
280-32590-69	PC-45-0.50	Total/NA	Solid	Moisture	
280-32590-70	PC-46-0.50	Total/NA	Solid	Moisture	
280-32590-71	PC-47-0.50	Total/NA	Solid	Moisture	
280-32590-72	PC-48-0.50	Total/NA	Solid	Moisture	
280-32590-74	PC-50-0.50	Total/NA	Solid	Moisture	
280-32590-76	PC-52-0.50	Total/NA	Solid	Moisture	
280-32590-77	PC-53-0.50	Total/NA	Solid	Moisture	
280-32590-87	PC-63-0.50	Total/NA	Solid	Moisture	
280-32590-88	PC-64-0.50	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 139871 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-89	PC-65-0.50	Total/NA	Solid	Moisture	
280-32590-90	PC-66-0.50	Total/NA	Solid	Moisture	
280-33916-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-23-0.50 — Lab Sample ID: 280-32590-47

Date Collected: 08/21/12 09:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		20			141030	10/06/12 12:06	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-25-0.50 — Lab Sample ID: 280-32590-49

Date Collected: 08/21/12 10:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		200			141030	10/06/12 13:09	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-26-0.50 — Lab Sample ID: 280-32590-50

Date Collected: 08/21/12 10:00 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		50			141030	10/06/12 13:30	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-27-0.50 — Lab Sample ID: 280-32590-51

Date Collected: 08/21/12 12:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		20			141030	10/06/12 13:52	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-29-0.50 — Lab Sample ID: 280-32590-53

Date Collected: 08/21/12 11:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/06/12 03:27	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-30-0.50 — Lab Sample ID: 280-32590-54

Date Collected: 08/21/12 11:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 14:13	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-31-0.50 — Lab Sample ID: 280-32590-55

Date Collected: 08/21/12 13:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		4			141030	10/06/12 14:34	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-32-0.50 — Lab Sample ID: 280-32590-56

Date Collected: 08/21/12 14:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		10			141030	10/06/12 14:55	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-33-0.50 — Lab Sample ID: 280-32590-57

Date Collected: 08/21/12 16:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.9 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		10			141030	10/06/12 15:16	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-34-0.50 — Lab Sample ID: 280-32590-58

Date Collected: 08/21/12 15:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.9 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		4			141030	10/06/12 15:37	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-36-0.50 — Lab Sample ID: 280-32590-60

Date Collected: 08/21/12 16:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 05:33	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-38-0.50 — Lab Sample ID: 280-32590-62

Date Collected: 08/21/12 17:15 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 06:16	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-40-0.50 — Lab Sample ID: 280-32590-64

Date Collected: 08/22/12 07:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.6 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 06:37	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-42-0.50 — Lab Sample ID: 280-32590-66

Date Collected: 08/22/12 08:55 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.9 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 06:58	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-44-0.50 — Lab Sample ID: 280-32590-68

Date Collected: 08/22/12 10:05 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 07:19	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-45-0.50 — Lab Sample ID: 280-32590-69

Date Collected: 08/22/12 09:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 97.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/06/12 07:40	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-46-0.50 — Lab Sample ID: 280-32590-70

Date Collected: 08/22/12 11:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.6 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 08:01	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-47-0.50 — Lab Sample ID: 280-32590-71

Date Collected: 08/22/12 10:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/06/12 08:22	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-48-0.50 — Lab Sample ID: 280-32590-72

Date Collected: 08/22/12 13:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 08:43	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-50-0.50 — Lab Sample ID: 280-32590-74

Date Collected: 08/22/12 14:30 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	10000 uL	140095	10/02/12 16:57	AA	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/06/12 09:04	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-52-0.50 — Lab Sample ID: 280-32590-76

Date Collected: 08/22/12 15:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/05/12 18:18	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-53-0.50 — Lab Sample ID: 280-32590-77

Date Collected: 08/22/12 15:35 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/05/12 19:21	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-63-0.50 — Lab Sample ID: 280-32590-87

Date Collected: 08/23/12 08:25 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/05/12 19:43	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-64-0.50 — Lab Sample ID: 280-32590-88

Date Collected: 08/23/12 07:20 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 98.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 20:04	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Client Sample ID: PC-65-0.50 — Lab Sample ID: 280-32590-89

Date Collected: 08/23/12 07:45 — **Matrix: Solid**
Date Received: 08/25/12 09:30 — **Percent Solids: 99.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.3 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/05/12 20:25	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto, CA

TestAmerica Job ID: 280-32590-2

Client Sample ID: PC-66-0.50
Date Collected: 08/23/12 07:20
Date Received: 08/25/12 09:30

Lab Sample ID: 280-32590-90
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		5			141030	10/05/12 20:46	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139871	10/01/12 14:14	SG	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Login Sample Receipt Checklist

Client: Hargis + Associates, Inc.

Job Number: 280-32590-2

Login Number: 32590

List Source: TestAmerica Denver

List Number: 1

Creator: Lazarte, Noah M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	1 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Different Sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-23-0.50	8/21/12	0920	Composite	~~SOIL~~	1		X	X	X	X	X	X	
PC-24-0.50		0915		SOIL			X	X	X	X	X	X	
PC-25-0.50		1005		SOIL			X	X	X	X	X	X	
PC-26-0.50		1000		SOIL			X	X	X	X	X	X	
PC-27-0.50		1255		SOIL			X	X	X	X	X	X	
PC-28-0.50		1345		SOIL			X	X	X	X	X	X	
PC-29-0.50		1145		SOIL			X	X	X	X	X	X	
PC-30-0.50		1155		SOIL			X	X	X	X	X	X	
PC-31-0.50		1320		SOIL			X	X	X	X	X	X	
PC-32-0.50		1415		SOIL			X	X	X	X	X	X	
PC-33-0.50		1615		SOIL			X	X	X	X	X	X	
PC-34-0.50		1525		SOIL			X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain, specific extraction, cleanup, analyses and reporting requirements
5.8°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	Hargis	8/24/12 1015	[illegible]	TestAm	8-24-12, 1015
[illegible]	TestAm ENCA	8/24/12 1415	[illegible]		8/25/12 0930
			3.0°C, 3.4°C [illegible] 8/25/12 FP		

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	2 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler:
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Different Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-35-0.50	8/21/12	1520	asphalt	~~SOIL~~	1		X	X	X	X	X	X	
PC-36-0.50		1625	"	SOIL			X	X	X	X	X	X	
PC-37-0.50		1445	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-38-0.50		1715	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-39-0.50		1650	concrete	SOIL			X	X	X	X	X	X	
PC-40-0.50	8/22/12	0730	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-41-0.50		0805	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-42-0.50		0855	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-43-0.50		0845	concrete	SOIL			X	X	X	X	X	X	
PC-44-0.50		1005	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-45-0.50		0935	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-46-0.50		1145	asphalt	SOIL			X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See chain for specific extraction, cleanup, analyses and reporting requirements

5.8°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	Hargis	8/24/12 1015	Joan Mellon	TestAmerica	8-24-12 1015
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	TEST AMERICA	8/24/12 1445	[illegible]		8/25/12 0930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: O. Sharma	Carrier: hand	3 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-47-0.50	8/23/12	1045	concrete	~~SOIL~~	1		X	X	X	X	X	X	
PC-48-0.50		1330	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-49-0.50		1145	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-50-0.50		1430	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-51-0.50		1410	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-52-0.50		1535	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-53-0.50		1535	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-54-0.50		1545	asphalt	~~SOIL~~			X	X	X	X	X	X	
PC-55-0.50		1650	concrete	~~SOIL~~			X	X	X	X	X	X	
PC-56-0.50		1700	asphalt	~~SOIL~~			X	X	X	X	X	X	
				SOIL									
				SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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Special Instructions/QC Requirements & Comments:
See chain, specific extraction, cleanup, analyses and reporting requirements

5.8°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	Hargis	8/24/12 1015	John Mallet	TestAmerica	8-24-12 1015
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	TestAmerica	8/24/12 1445	[illegible]		8/25/12 0930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

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THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/24/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: P. Sharma	Carrier: hand	4 of 4 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) _____			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☐ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Aroclors and total PCB's	Hold on analysis	Sample Specific Notes:
PC-57-0.50	8/23	1200	CONCRETE	~~SOIL~~	1		X	X	X	X	X	X	
PC-58-0.50	|	1100	|	~~SOIL~~	|		X	X	X	X	X	X	
PC-59-0.50	|	1015	|	~~SOIL~~	|		X	X	X	X	X	X	
PC-60-0.50	|	1240	|	~~SOIL~~	|		X	X	X	X	X	X	
PC-61-0.50	|	0920	CONCRETE	~~SOIL~~	|		X	X	X	X	X	X	
PC-62-0.50	|	1145	ASPHALT	~~SOIL~~	|		X	X	X	X	X	X	
PC-63-0.50	|	0825	|	~~SOIL~~	|		X	X	X	X	X	X	
PC-64-0.50	|	0720	CONCRETE	~~SOIL~~	|		X	X	X	X	X	X	
PC-65-0.50	|	0745	ASPHALT	~~SOIL~~	|		X	X	X	X	X	X	
PC-66-0.50	8/23/12	0720	|	~~SOIL~~	1		X	X	X	X	X	X	
				SOIL									
				SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
SEE CHAIN SPECIFIC EXTRACTION CLEAN UP ANALYSIS AND REPORTING REQUIREMENTS

5.8°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian R Waggle	Hargis	8/24/12 1015	Tony Mellor	TestAmerica	8-24-12 1015
[illegible]	TEST AMERICA	8/24/12 1445	[illegible]		8/25/12 0930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-32741-2
Client Project/Site: Beckman Coulter - Palo Alto

For:
Hargis + Associates, Inc.
1640 S. Stapley Drive
Suite 209
Mesa, Arizona 85204

Attn: Mr. Brian Waggle

Authorized for release by:
10/30/2012 3:00:21 PM

DiLea Griego
Project Manager I
dilea.griego@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 280-32741-2

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Hargis + Associates, Inc.

Project: Beckman Coulter - Palo Alto

Report Number: 280-32741-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 08/30/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.2 C, 2.9 C, 2.6 C, 1.0 C and 2.9 C.

POLYCHLORINATED BIPHENYLS (PCBS) - METHOD 8082A
Sample PS-60-2.0 (280-32741-245)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: (LCS 280-140273/2-A), (MB 280-140273/1-A), PS-23-2.0 (280-32741-145), PS-23-3.0 (280-32741-146), PS-29-2.0 (280-32741-163), PS-29-3.0 (280-32741-164), PS-55-2.0 (280-32741-239), PS-55-3.0 (280-32741-240), PS-60-2.0 (280-32741-245), PS-60-3.0 (280-32741-246) and PS-60-4.0 (280-32741-247).

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-141030 were performed on a sample from another job and exhibited recoveries outside control limits for PCB-1260 and PCB-1016. The MS/MSD also exhibited surrogate recoveries outside control limits for DCB Decachlorobiphenyl. This anomaly is due to matrix interference. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other difficulties were encountered.

PERCENT SOLIDS
No difficulties were encountered.

Definitions/Glossary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Client Sample ID: PS-23-2.0 — Lab Sample ID: 280-32741-145

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	35	J	40	3.2	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	35	J	40	3.2	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-23-3.0 — Lab Sample ID: 280-32741-146

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	77		37	3.0	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	77		37	3.0	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-29-2.0 — Lab Sample ID: 280-32741-163

No Detections

Client Sample ID: PS-29-3.0 — Lab Sample ID: 280-32741-164

No Detections

Client Sample ID: PS-55-2.0 — Lab Sample ID: 280-32741-239

No Detections

Client Sample ID: PS-55-3.0 — Lab Sample ID: 280-32741-240

No Detections

Client Sample ID: PS-60-2.0 — Lab Sample ID: 280-32741-245

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	420		76	13	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	420		76	6.1	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PS-60-3.0 — Lab Sample ID: 280-32741-246

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	260		38	6.4	ug/Kg	1	☼	8082A	Total/NA
PCB-1260	140		38	3.1	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	390		38	3.1	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-60-4.0 — Lab Sample ID: 280-32741-247

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	60		37	6.3	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	60		37	3.0	ug/Kg	1	☼	8082A	Total/NA

Method Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL DEN
Moisture	Percent Moisture	EPA	TAL DEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-32741-145	PS-23-2.0	Solid	08/27/12 15:10	08/30/12 09:30
280-32741-146	PS-23-3.0	Solid	08/27/12 15:10	08/30/12 09:30
280-32741-163	PS-29-2.0	Solid	08/28/12 07:45	08/30/12 09:30
280-32741-164	PS-29-3.0	Solid	08/28/12 07:45	08/30/12 09:30
280-32741-239	PS-55-2.0	Solid	08/28/12 14:35	08/30/12 09:30
280-32741-240	PS-55-3.0	Solid	08/28/12 14:35	08/30/12 09:30
280-32741-245	PS-60-2.0	Solid	08/28/12 15:10	08/30/12 09:30
280-32741-246	PS-60-3.0	Solid	08/28/12 15:10	08/30/12 09:30
280-32741-247	PS-60-4.0	Solid	08/28/12 15:10	08/30/12 09:30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-23-2.0 — **Lab Sample ID: 280-32741-145**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.6**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		57	19	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1016	ND		40	6.2	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1232	ND		40	6.2	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1242	ND		40	11	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1248	ND		40	6.8	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1254	ND		40	6.7	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1260	**35**	**J**	40	3.2	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1262	ND		40	14	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
PCB-1268	ND		40	4.8	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1
Polychlorinated biphenyls, Total	**35**	**J**	40	3.2	ug/Kg	☼	10/03/12 18:10	10/05/12 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*53 - 128*	*10/03/12 18:10*	*10/05/12 21:07*	*1*
DCB Decachlorobiphenyl	*67*		*59 - 130*	*10/03/12 18:10*	*10/05/12 21:07*	*1*

Client Sample ID: PS-23-3.0 — **Lab Sample ID: 280-32741-146**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1016	ND		37	5.8	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1232	ND		37	5.8	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1242	ND		37	10	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1248	ND		37	6.4	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1254	ND		37	6.3	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1260	**77**		37	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1262	ND		37	13	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
PCB-1268	ND		37	4.5	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1
Polychlorinated biphenyls, Total	**77**		37	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*53 - 128*	*10/03/12 18:10*	*10/05/12 21:28*	*1*
DCB Decachlorobiphenyl	*61*		*59 - 130*	*10/03/12 18:10*	*10/05/12 21:28*	*1*

Client Sample ID: PS-29-2.0 — **Lab Sample ID: 280-32741-163**
Date Collected: 08/28/12 07:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		56	18	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1016	ND		39	6.0	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1232	ND		39	6.1	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1242	ND		39	11	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1248	ND		39	6.6	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1254	ND		39	6.5	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1260	ND		39	3.1	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1262	ND		39	14	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
PCB-1268	ND		39	4.7	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1
Polychlorinated biphenyls, Total	ND		39	3.1	ug/Kg	☼	10/03/12 18:10	10/05/12 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*53 - 128*	*10/03/12 18:10*	*10/05/12 21:49*	*1*
DCB Decachlorobiphenyl	*79*		*59 - 130*	*10/03/12 18:10*	*10/05/12 21:49*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-29-3.0 — **Lab Sample ID: 280-32741-164**
Date Collected: 08/28/12 07:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 87.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		52	17	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1016	ND		36	5.6	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1232	ND		36	5.6	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1242	ND		36	10	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1248	ND		36	6.2	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1254	ND		36	6.1	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1260	ND		36	2.9	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1262	ND		36	13	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
PCB-1268	ND		36	4.3	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1
Polychlorinated biphenyls, Total	ND		36	2.9	ug/Kg	☼	10/03/12 18:10	10/05/12 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*53 - 128*	*10/03/12 18:10*	*10/05/12 22:10*	*1*
DCB Decachlorobiphenyl	*84*		*59 - 130*	*10/03/12 18:10*	*10/05/12 22:10*	*1*

Client Sample ID: PS-55-2.0 — **Lab Sample ID: 280-32741-239**
Date Collected: 08/28/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		54	18	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1016	ND		38	5.8	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1232	ND		38	5.9	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1242	ND		38	10	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1248	ND		38	6.4	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1254	ND		38	6.3	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1260	ND		38	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1262	ND		38	13	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
PCB-1268	ND		38	4.5	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1
Polychlorinated biphenyls, Total	ND		38	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*53 - 128*	*10/03/12 18:10*	*10/05/12 22:31*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 130*	*10/03/12 18:10*	*10/05/12 22:31*	*1*

Client Sample ID: PS-55-3.0 — **Lab Sample ID: 280-32741-240**
Date Collected: 08/28/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1016	ND		37	5.7	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1232	ND		37	5.7	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1242	ND		37	10	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1248	ND		37	6.3	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1254	ND		37	6.2	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1260	ND		37	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1262	ND		37	13	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
PCB-1268	ND		37	4.4	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1
Polychlorinated biphenyls, Total	ND		37	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*53 - 128*	*10/03/12 18:10*	*10/05/12 22:53*	*1*
DCB Decachlorobiphenyl	*87*		*59 - 130*	*10/03/12 18:10*	*10/05/12 22:53*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-60-2.0 — **Lab Sample ID: 280-32741-245**
Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		110	36	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1016	ND		76	12	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1232	ND		76	12	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1242	ND		76	21	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1248	ND		76	13	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1254	**420**		76	13	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1260	ND		76	6.1	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1262	ND		76	27	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
PCB-1268	ND		76	9.0	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2
Polychlorinated biphenyls, Total	**420**		76	6.1	ug/Kg	☼	10/03/12 18:10	10/06/12 11:45	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*53 - 128*	*10/03/12 18:10*	*10/06/12 11:45*	*2*
DCB Decachlorobiphenyl	*71*		*59 - 130*	*10/03/12 18:10*	*10/06/12 11:45*	*2*

Client Sample ID: PS-60-3.0 — **Lab Sample ID: 280-32741-246**
Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		55	18	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1016	ND		38	5.9	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1232	ND		38	6.0	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1242	ND		38	11	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1248	ND		38	6.5	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1254	**260**		38	6.4	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1260	**140**		38	3.1	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1262	ND		38	13	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
PCB-1268	ND		38	4.6	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1
Polychlorinated biphenyls, Total	**390**		38	3.1	ug/Kg	☼	10/03/12 18:10	10/05/12 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*53 - 128*	*10/03/12 18:10*	*10/05/12 23:35*	*1*
DCB Decachlorobiphenyl	*81*		*59 - 130*	*10/03/12 18:10*	*10/05/12 23:35*	*1*

Client Sample ID: PS-60-4.0 — **Lab Sample ID: 280-32741-247**
Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1016	ND		37	5.8	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1232	ND		37	5.8	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1242	ND		37	10	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1248	ND		37	6.4	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1254	**60**		37	6.3	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1260	ND		37	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1262	ND		37	13	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
PCB-1268	ND		37	4.5	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1
Polychlorinated biphenyls, Total	**60**		37	3.0	ug/Kg	☼	10/03/12 18:10	10/05/12 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*53 - 128*	*10/03/12 18:10*	*10/05/12 23:56*	*1*
DCB Decachlorobiphenyl	*85*		*59 - 130*	*10/03/12 18:10*	*10/05/12 23:56*	*1*

General Chemistry

Client Sample ID: PS-23-2.0 — **Lab Sample ID: 280-32741-145**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-23-3.0 — **Lab Sample ID: 280-32741-146**
Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-29-2.0 — **Lab Sample ID: 280-32741-163**
Date Collected: 08/28/12 07:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-29-3.0 — **Lab Sample ID: 280-32741-164**
Date Collected: 08/28/12 07:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-55-2.0 — **Lab Sample ID: 280-32741-239**
Date Collected: 08/28/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-55-3.0 — **Lab Sample ID: 280-32741-240**
Date Collected: 08/28/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-60-2.0 — **Lab Sample ID: 280-32741-245**
Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-60-3.0 — **Lab Sample ID: 280-32741-246**
Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			10/02/12 11:01	1

Client Sample ID: PS-60-4.0 — **Lab Sample ID: 280-32741-247**
Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			10/02/12 11:01	1

QC Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 280-140273/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1016	ND		32	4.9	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1232	ND		32	4.9	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1242	ND		32	8.7	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1248	ND		32	5.4	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1254	ND		32	5.3	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1260	ND		32	2.5	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1262	ND		32	11	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
PCB-1268	ND		32	3.8	ug/Kg		10/03/12 18:10	10/05/12 17:36	1
Polychlorinated biphenyls, Total	ND		32	2.5	ug/Kg		10/03/12 18:10	10/05/12 17:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*53 - 128*	*10/03/12 18:10*	*10/05/12 17:36*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 130*	*10/03/12 18:10*	*10/05/12 17:36*	*1*

Lab Sample ID: LCS 280-140273/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	65.4	69.1		ug/Kg		106	54 - 132
PCB-1260	65.4	67.4		ug/Kg		103	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*		*53 - 128*
DCB Decachlorobiphenyl	*91*		*59 - 130*

Lab Sample ID: 280-32590-A-76-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		64.5	ND	D	ug/Kg	☼	0	54 - 132
PCB-1260	180		64.5	184	D	ug/Kg	☼	10	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*34*	*D*	*59 - 130*

Lab Sample ID: 280-32590-A-76-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 141030 — **Prep Batch: 140273**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		66.7	34.2	J D	ug/Kg	☼	51	54 - 132	NC	36
PCB-1260	180		66.7	214	D	ug/Kg	☼	55	62 - 129	15	44

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-32590-A-76-C MSD
Matrix: Solid
Analysis Batch: 141030

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 140273

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*84*	*D*	*53 - 128*
DCB Decachlorobiphenyl	*40*	*D*	*59 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 280-33931-A-1 DU
Matrix: Solid
Analysis Batch: 140003

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12			12		%				0.9	20

QC Association Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

GC Semi VOA

Prep Batch: 140273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-A-76-B MS	Matrix Spike	Total/NA	Solid	3550C	
280-32590-A-76-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	
280-32741-145	PS-23-2.0	Total/NA	Solid	3550C	
280-32741-146	PS-23-3.0	Total/NA	Solid	3550C	
280-32741-163	PS-29-2.0	Total/NA	Solid	3550C	
280-32741-164	PS-29-3.0	Total/NA	Solid	3550C	
280-32741-239	PS-55-2.0	Total/NA	Solid	3550C	
280-32741-240	PS-55-3.0	Total/NA	Solid	3550C	
280-32741-245	PS-60-2.0	Total/NA	Solid	3550C	
280-32741-246	PS-60-3.0	Total/NA	Solid	3550C	
280-32741-247	PS-60-4.0	Total/NA	Solid	3550C	
LCS 280-140273/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-140273/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 141030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32590-A-76-B MS	Matrix Spike	Total/NA	Solid	8082A	140273
280-32590-A-76-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	140273
280-32741-145	PS-23-2.0	Total/NA	Solid	8082A	140273
280-32741-146	PS-23-3.0	Total/NA	Solid	8082A	140273
280-32741-163	PS-29-2.0	Total/NA	Solid	8082A	140273
280-32741-164	PS-29-3.0	Total/NA	Solid	8082A	140273
280-32741-239	PS-55-2.0	Total/NA	Solid	8082A	140273
280-32741-240	PS-55-3.0	Total/NA	Solid	8082A	140273
280-32741-245	PS-60-2.0	Total/NA	Solid	8082A	140273
280-32741-246	PS-60-3.0	Total/NA	Solid	8082A	140273
280-32741-247	PS-60-4.0	Total/NA	Solid	8082A	140273
LCS 280-140273/2-A	Lab Control Sample	Total/NA	Solid	8082A	140273
MB 280-140273/1-A	Method Blank	Total/NA	Solid	8082A	140273

General Chemistry

Analysis Batch: 140003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-32741-145	PS-23-2.0	Total/NA	Solid	Moisture	
280-32741-146	PS-23-3.0	Total/NA	Solid	Moisture	
280-32741-163	PS-29-2.0	Total/NA	Solid	Moisture	
280-32741-164	PS-29-3.0	Total/NA	Solid	Moisture	
280-32741-239	PS-55-2.0	Total/NA	Solid	Moisture	
280-32741-240	PS-55-3.0	Total/NA	Solid	Moisture	
280-32741-245	PS-60-2.0	Total/NA	Solid	Moisture	
280-32741-246	PS-60-3.0	Total/NA	Solid	Moisture	
280-32741-247	PS-60-4.0	Total/NA	Solid	Moisture	
280-33931-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Client Sample ID: PS-23-2.0 — Lab Sample ID: 280-32741-145

Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 81.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 21:07	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Client Sample ID: PS-23-3.0 — Lab Sample ID: 280-32741-146

Date Collected: 08/27/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.6 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 21:28	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Client Sample ID: PS-29-2.0 — Lab Sample ID: 280-32741-163

Date Collected: 08/28/12 07:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 21:49	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Client Sample ID: PS-29-3.0 — Lab Sample ID: 280-32741-164

Date Collected: 08/28/12 07:45 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 87.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 22:10	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Client Sample ID: PS-55-2.0 — Lab Sample ID: 280-32741-239

Date Collected: 08/28/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 22:31	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-32741-2

Client Sample ID: PS-55-3.0 — Lab Sample ID: 280-32741-240

Date Collected: 08/28/12 14:35 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 22:53	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Client Sample ID: PS-60-2.0 — Lab Sample ID: 280-32741-245

Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 84.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		2			141030	10/06/12 11:45	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Client Sample ID: PS-60-3.0 — Lab Sample ID: 280-32741-246

Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 23:35	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Client Sample ID: PS-60-4.0 — Lab Sample ID: 280-32741-247

Date Collected: 08/28/12 15:10 — **Matrix: Solid**
Date Received: 08/30/12 09:30 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	140273	10/03/12 18:10	MRM	TAL DEN
Total/NA	Analysis	8082A		1			141030	10/05/12 23:56	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			140003	10/02/12 11:01	SG	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Login Sample Receipt Checklist

Client: Hargis + Associates, Inc.

Job Number: 280-32741-2

Login Number: 32741
List Number: 1
Creator: Cofoid, Stephen T

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

2.2 2.9
2.6 2.6
1.0 2.9

Chain of Custody Record

DEEP

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: H+A	12 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MEH / MFW

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-11-2.0	08/27/12	1100	Grab	SOIL	1		X	X	X	X	X	X	
PS-11-5.0		1115		SOIL	1								
PS-12-2.0		1135		SOIL	1								
PS-12-3.0		1135		SOIL	1								
PS-12-4.0		1135		SOIL	1								
PS-13-2.0		1155		SOIL	1								
PS-13-3.0		1155		SOIL	1								
PS-13-4.0		1155		SOIL	1								
PS-14-2.0		1205		SOIL	1								
PS-14-3.0		1205		SOIL	1								
PS-14-4.0		1205		SOIL	1								
PS-15-2.0		1230		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See Chain Specific, extraction, Cleanup, Analyses and Reporting Requirements

* 150 Samples

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	H+A	8/29/12 1100	[signature]	TASF	8/29/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

3.3° 10.4° Cooler Temperature

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. SHARMA	Carrier: HAND	2 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			458.7
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: BRW/MEH/MPW
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-15- 3.0	08/27/12	1230	Grab	SOIL	1	X	X	X	X	X	X	
PS-15- 4.0		1230		SOIL	1							
PS-16 - 2.0		1300		SOIL	1							
PS-16 - 3.0		1300		SOIL	1							
PS-16 - 4.0		1300		SOIL	1							
PS-17 - 2.0		1345		SOIL	1							
PS-17 - 3.0		1345		SOIL	1							
PS-17 - 4.0		1345		SOIL	1							
PS-18 - 2.0		1355		SOIL	1							
PS-18 - 3.0		1355		SOIL	1							
PS-18 - 4.0		1355		SOIL	1							
PS-19 - 2.0		1405		SOIL	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See Chain, Specific Extraction, clean up, Analyses, and Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H+A	8/29/12 1100	[signature]	TAS	8/29/12 1100
[signature]	TAS	8/29/12 1600	[signature]	TA	8/30/12 930

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140477
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	3 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MEH / MKV

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered (Sound)	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Aroclors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-19-3.0	08/22/12	1405	Grab	SOIL	1		X	X	X	X	X	X	
PS-19-4.0		1405		SOIL	1								
PS-20-2.0		1440		SOIL	1								
PS-20-3.0		1440		SOIL	1								
PS-20-4.0		1440		SOIL	1								
PS-21-2.0		1450		SOIL	1								
PS-21-3.0		1450		SOIL	1								
PS-21-4.0		1450		SOIL	1								
PS-22-2.0		1500		SOIL	1								
PS-22-3.0		1500		SOIL	1								
PS-22-4.0		1500		SOIL	1								
PS-23-2.0		1510		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Specific Extraction, Clean up, Analysis & Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H+A	8/29/12 1700	[signature]	TASF	8/29/12 1700
Relinquished by: [signature]	Company: TASF	Date/Time: 8/29/12 1600	Received by: [signature]	Company: TA	Date/Time: 8/30/12 930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. SHARMA	Carrier: HAND	4 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: BW / MGL / MFV
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filter Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-23-3.0	08/22/12	1510	GRAB	SOIL	1		X	X	X	X	X	X	
PS-23-4.0		1510		SOIL	1								
PS-24-2.0		1525		SOIL	1								
PS-24-3.0		1525		SOIL	1								
PS-24-4.0		1525		SOIL	1								
PS-25-2.0		1535		SOIL	1								
PS-25-3.0		1535		SOIL	1								
PS-25-4.0		1535		SOIL	1								
PS-28-2.0		1545		SOIL	1								
PS-28-3.0		1545		SOIL	1								
PS-28-4.0		1545		SOIL	1								
PS-26-2.0	08/28/12	0725		SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
See Chain: Specify Extraction, Clean up, Analysis & Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	HHA	8/29/12 1300	[illegible]	TBSF	8/29/12 1100
[illegible]	TBSF	8/29/12 1600		TA	8/30/12 930

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phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140941
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	5 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MGH / MFW

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-26 - 3.0	08/29/12	0725	Grab	SOIL	1	X	X	X	X	X	X	
PS-26-4.0		0725		SOIL	1							
PS-27-2.0		0735		SOIL	1							
PS-27 -3.0		0735		SOIL	1							
PS-27 -4.0		0735		SOIL	1							
PS-29 -2.0		0745		SOIL	1							
PS-29 - 3.0		0745		SOIL	1							
PS-29-4.0		0745		SOIL	1							
PS-30-2.0		0800		SOIL	1							
PS-30-3.0		0800		SOIL	1							
PS-30-4.0		0800		SOIL	1							
PS-33-2.0		0810		SOIL	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 4

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Specific Extraction, Clean up, Analysis & Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HFA	8/29/12 1300	[signature]	TAST	8/29/12 1100
[signature]	TAST	8/29/12 1600	[signature]	TA	8/30/12 930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	6 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: BRW / MEH / MMR
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filter (PS1001)	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
~~PS-33-3.0~~	~~08/28/12~~	~~0810~~	~~Grab~~	~~SOIL~~	~~1~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	No Recovery
PS-31-~~2.5~~ 2.0	08/28/12	0820	Grab	SOIL	1		X	X	X	X	X	X	
PS-31-3.0		0820		SOIL									
PS-31-4.0		0820		SOIL									
PS-32-2.0		0830		SOIL									
PS-32-3.0		0830		SOIL									
PS-32-4.0		0830		SOIL									
PS-34-2.0		0640		SOIL									
PS-34-3.0		0640		SOIL									
PS-34-4.0		0640		SOIL									
PS-37-2.0		0655		SOIL									
PS-37-3.0		0655		SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Special Extraction, Cleanup, Analysis Runs Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	TA	8/29/12 1200	[illegible]	TASF	8/29/12 1101
[illegible]	TASF	8/29/12 1600		TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140 441
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	7 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☐ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: MCH/BRW/MFG

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filter Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-37-4.0	08/29/12	0805	Grab	SOIL	1		X	X	X	X	X	X	
PS-36-2.0		0905		SOIL	1								
PS-36-3.0		0905		SOIL	1								
PS-36-4.0		0905		SOIL	1								
PS-35-2.0		0915		SOIL	1								
PS-35-3.0		0915		SOIL	1								
PS-35-4.0		0915		SOIL	1								
PS-38-2.0		0925		SOIL	1								
PS-38-3.0		0925		SOIL	1								
PS-38-4.0		0925		SOIL	1								
PS-39-2.0		0940		SOIL	1								
PS-39-3.0		0940		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

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

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

Special Instructions/QC Requirements & Comments:

See Chart: Special Extraction, clean up, Analysis, & Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HHA	8/29/12 1100	[signature]	STAT	8/29/12 1100
[signature]	TAST	8/29/12	[signature]	TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

14044

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Shamat	Carrier: Hand	8 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: NBK/BRW/MFW
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filter Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
~~PS-4~~ PS-39-4.0	*8/28/12	0940	Grab	SOIL	1		X	X	X	X	X	X	
PS-41-2.0		0950		SOIL	1								
PS-41-3.0		0950		SOIL	1								
PS-41-4.0		0950		SOIL	1								
PS-40-2.0		1020		SOIL	1								
PS-40-3.0		1020		SOIL	1								
PS-40-4.0		1020		SOIL	1								
PS-42-2.0		1050		SOIL	1								
PS-42-3.0		1050		SOIL	1								
PS-42-4.0		1050		SOIL	1								
PS-43-2.0		1110		SOIL	1								
PS-43-3.0		1110		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

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

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

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HGA	8/29/12 1100	[signature]	TAST	8/29/12 1100
[signature]	TAST	8/29/12 1100	[signature]	TA	8/30/12 930

Page 25 of 30

10/08/2012

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

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Chain of Custody Record

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TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Shamt	Carrier: Hand	9 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: BRW/MEH/MFW
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-43 - 4.0	08/29/12	1110	Grab	SOIL	1		X	X	X	X	X	X	
PS-44 - 2.0		1120		SOIL	1								
PS-44 - 3.0		1120		SOIL	1								
PS-44 - 4.0		1120		SOIL	1								
PS-47 - 2.0		1135		SOIL	1								
PS-47 - 3.0		1135		SOIL	1								
PS-47 - 4.0		1135		SOIL	1								
PS-45 - 2.0		1235		SOIL	1								
PS-45 - 3.0		1235		SOIL	1								
PS-45 - 4.0		1235		SOIL	1								
PS-46 - 2.0		1245		SOIL	1								
PS-46 - 3.0		1245		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See change Special Extraction, clean up, Analysis & Reporting Reqs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HHA	8/29/12 1400	[signature]	TASF	8/30/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930

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10/30/2012

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: HAND	10 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			SDG No.
FAX (480) 730-0508	☑ 2 weeks			
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler: BRW/MEH/MRW
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Different Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-46-4.0	08/28/12	1245	Grab	SOIL	1		X	X	X	X	X	X	
PS-53-2.0		1300		SOIL									
PS-53-3.0		1300		SOIL									
PS-53-4.0		1300		SOIL									
PS-54-2.0		1310		SOIL									
PS-54-3.0		1310		SOIL									
PS-54-4.0		1310		SOIL									
PS-48-2.0		1330		SOIL									
PS-48-3.0		1330		SOIL									
PS-48-4.0		1330		SOIL									
PS-49-2.0		1340		SOIL									
PS-49-3.0		1340		SOIL									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Special Extraction, Clean up, Analysis & Reporting Reqs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	HHA	8/29/12 1100	[illegible]	TASF	8/29/12 1100
[illegible]	TASF	8/29/12 1600	[illegible]	TA	8/30/12 930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Pleasanton, CA 94566
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140447
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: Hand	11 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			SDG No.
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			Sampler: BRW / MEH / MRW
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-49-4.0	08/29/12	1340	Grab	SOIL	1	X	X	X	X	X	X	
PS-50-2.0		1355		SOIL	1							
PS-50-3.0		1355		SOIL	1							
PS-50-4.0		1355		SOIL	1							
PS-51-2.0		1460		SOIL	1							
PS-51-3.0		1460		SOIL	1							
PS-51-4.0		1460		SOIL	1							
PS-52-2.0		1425		SOIL	1							
PS-52-3.0		1425		SOIL	1							
PS-52-4.0		1425		SOIL	1							
PS-55-2.0		1430		SOIL	1							
PS-55-3.0		1430		SOIL	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 4

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See chain: Special Extraction, Clean up, Analysis & Reporting Reqs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	HFA	8/29/12 1600	[illegible]	TASF	8/29/12 1102
[illegible]	TASF	8/29/12 1600	[illegible]	TA	8/30/12 930

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
140497
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 08/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: HAND	12 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MFW / MEH

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Different Sample	PCB EPA 8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-55-4.0	08/27/12	1435	GRAB	SOIL	1		X	X	X	X	X	X	
PS-56-2.0		1455		SOIL	1								
PS-56-3.0		1455		SOIL	1								
PS-56-4.0		1455		SOIL	1								
PS-60-2.0		1510		SOIL	1								
PS-60-3.0		1510		SOIL	1								
PS-60-4.0		1510		SOIL	1								
PS-59-2.0		1515		SOIL	1								
PS-59-3.0		1515		SOIL	1								
PS-59-4.0		1515		SOIL	1								
PS-58-2.0		1525		SOIL	1								
PS-58-3.0		1525		SOIL	1								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain: Special Extraction, Clean up, Analysis & Reporting Requirements.

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HA	8/29/12 1100	[signature]	TASF	8/29/12 1100
[signature]	TASF	8/29/12 1600	[signature]	TA	8/30/12 930

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 8/29/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Stewart	Carrier: Hand	13 of 13 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No. 458.7
Mesa,Az 85204	Calendar (C) or Work Days (W)			
Phone (480) 345-0888	TAT if different from Below W			
FAX (480) 730-0508	☑ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☐ 1 week			
Site: Palo Alto,CA	☐ 2 days			
P O # 458.7	☐ 1 day			Sampler: BRW / MEH / MKR

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-58-4.0	08/22/12	1525	Grab	SOIL	1	X	X	X	X	X	X	
PS-57-2.0	08/23/12	1030		SOIL	1							
PS-57-3.0		1045		SOIL	1							
PS-57-4.0		1050		SOIL	1							
PS-64-2.0		1245		SOIL	1							
PS-64-3.0		1300		SOIL	1							
PS-64-4.0		1330		SOIL	1							
				SOIL								
				SOIL								
				SOIL								
				SOIL								
				SOIL								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:

See Chain; Special Extraction, Clean up, Analy Sig and Reporting Requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	H&A	8/29/12 1600	[illegible]	BASF	8/29/12 1700
[illegible]	TASF	8/29/12 1600		TA	8/30/12 930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-33874-1
Client Project/Site: Beckman Coulter - Palo Alto

For:
Hargis + Associates, Inc.
1640 S. Stapley Drive
Suite 209
Mesa, Arizona 85204

Attn: Mr. Brian Waggle

Authorized for release by:
10/3/2012 6:25:50 PM

DiLea Griego
Project Manager I
dilea.griego@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 280-33874-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Hargis + Associates, Inc.
Project: Beckman Coulter - Palo Alto
Report Number: 280-33874-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 09/28/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 3.1 C and 2.5 C.

POLYCHLORINATED BIPHENYLS (PCBS) - METHOD 8082
Samples PS-70-0.25 (280-33874-5)[2X], PC-70-0.25 (280-33874-8)[2X] and PC-71-0.25 (280-33874-9)[10X] required dilution prior to analysis due to matrix interference or elevated levels of target compounds. As such, the surrogate recovery for DCB Decachlorobiphenyl could not be calculated, because the extract was diluted beyond the ability to quantitate a recovery. The reporting limits have been adjusted accordingly.

Surrogate DCB Decachlorobiphenyl was recovered above the QC control limits in the following samples: PC-68-0.25 (280-33874-6), PC-69-0.25 (280-33874-7), PS-66-0.25 (280-33874-1), PS-67-0.25 (280-33874-2), PS-68-0.25 (280-33874-3) and PS-69-0.25 (280-33874-4). This anomaly is due to obvious matrix interferences supported by chromatogram data; therefore, corrective action is deemed unnecessary. Sample data should be considered biased high. The extract was noted as amber in color.

The following samples underwent a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: (LCS 280-139874/2-A), (MB 280-139874/1-A), PC-68-0.25 (280-33874-6), PC-69-0.25 (280-33874-7), PC-70-0.25 (280-33874-8), PC-71-0.25 (280-33874-9), PC-72-0.25 (280-33874-10), PC-73-0.25 (280-33874-11), PS-66-0.25 (280-33874-1), PS-66-0.25 (280-33874-1 MS), PS-66-0.25 (280-33874-1 MSD), PS-67-0.25 (280-33874-2), PS-68-0.25 (280-33874-3), PS-69-0.25 (280-33874-4) and PS-70-0.25 (280-33874-5).

The matrix spike / matrix spike duplicate (MS/MSD) samples associated with analysis batch 280-140197 were performed on PS-66-0.25 (280-33874-1) and exhibited recoveries outside control limits for PCB-1260. The MS/MSD also exhibited surrogate recoveries outside control limits for DCB Decachlorobiphenyl. The MS/MSD exhibited RPD values outside control limits for PCB-1016. This anomaly is due to matrix interference and non-homogeneity of the sample. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other difficulties were encountered.

PERCENT SOLIDS
No difficulties were encountered.

Definitions/Glossary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
X	Surrogate is outside control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Client Sample ID: PS-66-0.25 — Lab Sample ID: 280-33874-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	330		36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	330		36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-67-0.25 — Lab Sample ID: 280-33874-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	230		36	2.9	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	230		36	2.9	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-68-0.25 — Lab Sample ID: 280-33874-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	270		33	2.7	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	270		33	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-69-0.25 — Lab Sample ID: 280-33874-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	320		34	2.7	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	320		34	2.7	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PS-70-0.25 — Lab Sample ID: 280-33874-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	360		61	4.9	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	360		61	4.9	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-68-0.25 — Lab Sample ID: 280-33874-6

No Detections

Client Sample ID: PC-69-0.25 — Lab Sample ID: 280-33874-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	97		32	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	97		32	2.6	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PC-70-0.25 — Lab Sample ID: 280-33874-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	440		65	5.3	ug/Kg	2	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	440		65	5.3	ug/Kg	2	☼	8082A	Total/NA

Client Sample ID: PC-71-0.25 — Lab Sample ID: 280-33874-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2200		340	27	ug/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	2200		340	27	ug/Kg	10	☼	8082A	Total/NA

Client Sample ID: PC-72-0.25 — Lab Sample ID: 280-33874-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14	J	33	2.6	ug/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	14	J	33	2.6	ug/Kg	1	☼	8082A	Total/NA

Detection Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Client Sample ID: PC-73-0.25 **Lab Sample ID: 280-33874-11**

No Detections

Method Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL DEN
Moisture	Percent Moisture	EPA	TAL DEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-33874-1	PS-66-0.25	Solid	09/27/12 08:00	09/28/12 09:15
280-33874-2	PS-67-0.25	Solid	09/27/12 08:10	09/28/12 09:15
280-33874-3	PS-68-0.25	Solid	09/27/12 08:20	09/28/12 09:15
280-33874-4	PS-69-0.25	Solid	09/27/12 08:30	09/28/12 09:15
280-33874-5	PS-70-0.25	Solid	09/27/12 08:40	09/28/12 09:15
280-33874-6	PC-68-0.25	Solid	09/27/12 09:00	09/28/12 09:15
280-33874-7	PC-69-0.25	Solid	09/27/12 09:10	09/28/12 09:15
280-33874-8	PC-70-0.25	Solid	09/27/12 09:20	09/28/12 09:15
280-33874-9	PC-71-0.25	Solid	09/27/12 09:30	09/28/12 09:15
280-33874-10	PC-72-0.25	Solid	09/27/12 09:40	09/28/12 09:15
280-33874-11	PC-73-0.25	Solid	09/27/12 09:50	09/28/12 09:15

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-66-0.25 — **Lab Sample ID: 280-33874-1**
Date Collected: 09/27/12 08:00 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 89.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		52	17	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1016	ND		36	5.6	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1232	ND		36	5.7	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1242	ND		36	10	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1248	ND		36	6.2	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1254	ND		36	6.1	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1260	**330**		36	2.9	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1262	ND		36	13	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
PCB-1268	ND		36	4.4	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1
Polychlorinated biphenyls, Total	**330**		36	2.9	ug/Kg	☼	10/01/12 17:45	10/02/12 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*53 - 128*	*10/01/12 17:45*	*10/02/12 19:55*	*1*
DCB Decachlorobiphenyl	*410*	*E X*	*59 - 130*	*10/01/12 17:45*	*10/02/12 19:55*	*1*

Client Sample ID: PS-67-0.25 — **Lab Sample ID: 280-33874-2**
Date Collected: 09/27/12 08:10 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 91.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1016	ND		36	5.5	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1232	ND		36	5.5	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1242	ND		36	9.9	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1248	ND		36	6.1	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1254	ND		36	6.0	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1260	**230**		36	2.9	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1262	ND		36	13	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
PCB-1268	ND		36	4.3	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1
Polychlorinated biphenyls, Total	**230**		36	2.9	ug/Kg	☼	10/01/12 17:45	10/02/12 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*53 - 128*	*10/01/12 17:45*	*10/02/12 21:04*	*1*
DCB Decachlorobiphenyl	*287*	*E X*	*59 - 130*	*10/01/12 17:45*	*10/02/12 21:04*	*1*

Client Sample ID: PS-68-0.25 — **Lab Sample ID: 280-33874-3**
Date Collected: 09/27/12 08:20 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 92.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1016	ND		33	5.1	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1232	ND		33	5.2	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1242	ND		33	9.2	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1248	ND		33	5.6	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1254	ND		33	5.6	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1260	**270**		33	2.7	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1262	ND		33	12	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
PCB-1268	ND		33	4.0	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1
Polychlorinated biphenyls, Total	**270**		33	2.7	ug/Kg	☼	10/01/12 17:45	10/02/12 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*53 - 128*	*10/01/12 17:45*	*10/02/12 21:27*	*1*
DCB Decachlorobiphenyl	*1014*	*E X*	*59 - 130*	*10/01/12 17:45*	*10/02/12 21:27*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PS-69-0.25 — **Lab Sample ID: 280-33874-4**
Date Collected: 09/27/12 08:30 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 93.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1016	ND		34	5.2	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1232	ND		34	5.2	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1242	ND		34	9.3	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1248	ND		34	5.7	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1254	ND		34	5.7	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1260	**320**		34	2.7	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1262	ND		34	12	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
PCB-1268	ND		34	4.0	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1
Polychlorinated biphenyls, Total	**320**		34	2.7	ug/Kg	☼	10/01/12 17:45	10/02/12 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*53 - 128*	*10/01/12 17:45*	*10/02/12 21:50*	*1*
DCB Decachlorobiphenyl	*632*	*E X*	*59 - 130*	*10/01/12 17:45*	*10/02/12 21:50*	*1*

Client Sample ID: PS-70-0.25 — **Lab Sample ID: 280-33874-5**
Date Collected: 09/27/12 08:40 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 97.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		87	29	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1016	ND		61	9.5	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1232	ND		61	9.5	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1242	ND		61	17	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1248	ND		61	10	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1254	ND		61	10	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1260	**360**		61	4.9	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1262	ND		61	22	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
PCB-1268	ND		61	7.4	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2
Polychlorinated biphenyls, Total	**360**		61	4.9	ug/Kg	☼	10/01/12 17:45	10/03/12 09:18	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*53 - 128*	*10/01/12 17:45*	*10/03/12 09:18*	*2*
DCB Decachlorobiphenyl	*64*		*59 - 130*	*10/01/12 17:45*	*10/03/12 09:18*	*2*

Client Sample ID: PC-68-0.25 — **Lab Sample ID: 280-33874-6**
Date Collected: 09/27/12 09:00 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 99.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1016	ND		33	5.1	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1232	ND		33	5.1	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1242	ND		33	9.1	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1248	ND		33	5.6	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1254	ND		33	5.5	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1260	ND		33	2.6	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1262	ND		33	12	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
PCB-1268	ND		33	3.9	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1
Polychlorinated biphenyls, Total	ND		33	2.6	ug/Kg	☼	10/01/12 17:45	10/02/12 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*53 - 128*	*10/01/12 17:45*	*10/02/12 22:37*	*1*
DCB Decachlorobiphenyl	*2361*	*E X*	*59 - 130*	*10/01/12 17:45*	*10/02/12 22:37*	*1*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-69-0.25 — **Lab Sample ID: 280-33874-7**
Date Collected: 09/27/12 09:10 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 98.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1016	ND		32	5.0	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1232	ND		32	5.0	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1242	ND		32	8.9	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1248	ND		32	5.5	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1254	ND		32	5.4	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1260	**97**		32	2.6	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1262	ND		32	11	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
PCB-1268	ND		32	3.8	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1
Polychlorinated biphenyls, Total	**97**		32	2.6	ug/Kg	☼	10/01/12 17:45	10/02/12 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*53 - 128*	*10/01/12 17:45*	*10/02/12 23:00*	*1*
DCB Decachlorobiphenyl	*190*	*X*	*59 - 130*	*10/01/12 17:45*	*10/02/12 23:00*	*1*

Client Sample ID: PC-70-0.25 — **Lab Sample ID: 280-33874-8**
Date Collected: 09/27/12 09:20 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 97.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		93	31	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1016	ND		65	10	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1232	ND		65	10	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1242	ND		65	18	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1248	ND		65	11	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1254	ND		65	11	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1260	**440**		65	5.3	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1262	ND		65	23	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
PCB-1268	ND		65	7.8	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2
Polychlorinated biphenyls, Total	**440**		65	5.3	ug/Kg	☼	10/01/12 17:45	10/03/12 09:41	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*53 - 128*	*10/01/12 17:45*	*10/03/12 09:41*	*2*
DCB Decachlorobiphenyl	*60*		*59 - 130*	*10/01/12 17:45*	*10/03/12 09:41*	*2*

Client Sample ID: PC-71-0.25 — **Lab Sample ID: 280-33874-9**
Date Collected: 09/27/12 09:30 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 97.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		480	160	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1016	ND		340	52	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1232	ND		340	52	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1242	ND		340	93	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1248	ND		340	57	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1254	ND		340	56	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1260	**2200**		340	27	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1262	ND		340	120	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
PCB-1268	ND		340	40	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10
Polychlorinated biphenyls, Total	**2200**		340	27	ug/Kg	☼	10/01/12 17:45	10/03/12 10:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*53 - 128*	*10/01/12 17:45*	*10/03/12 10:04*	*10*
DCB Decachlorobiphenyl	*71*	*D*	*59 - 130*	*10/01/12 17:45*	*10/03/12 10:04*	*10*

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PC-72-0.25 — **Lab Sample ID: 280-33874-10**
Date Collected: 09/27/12 09:40 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 98.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	15	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1016	ND		33	5.0	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1232	ND		33	5.1	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1242	ND		33	9.0	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1248	ND		33	5.6	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1254	ND		33	5.5	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1260	**14**	**J**	33	2.6	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1262	ND		33	11	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
PCB-1268	ND		33	3.9	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1
Polychlorinated biphenyls, Total	**14**	**J**	33	2.6	ug/Kg	☼	10/01/12 17:45	10/03/12 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*53 - 128*	*10/01/12 17:45*	*10/03/12 00:09*	*1*
DCB Decachlorobiphenyl	*66*		*59 - 130*	*10/01/12 17:45*	*10/03/12 00:09*	*1*

Client Sample ID: PC-73-0.25 — **Lab Sample ID: 280-33874-11**
Date Collected: 09/27/12 09:50 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 99.2**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		47	16	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1016	ND		33	5.1	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1232	ND		33	5.1	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1242	ND		33	9.2	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1248	ND		33	5.6	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1254	ND		33	5.5	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1260	ND		33	2.7	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1262	ND		33	12	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
PCB-1268	ND		33	4.0	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1
Polychlorinated biphenyls, Total	ND		33	2.7	ug/Kg	☼	10/01/12 17:45	10/03/12 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*53 - 128*	*10/01/12 17:45*	*10/03/12 00:33*	*1*
DCB Decachlorobiphenyl	*67*		*59 - 130*	*10/01/12 17:45*	*10/03/12 00:33*	*1*

General Chemistry

Client Sample ID: PS-66-0.25 — **Lab Sample ID: 280-33874-1**
Date Collected: 09/27/12 08:00 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10**		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PS-67-0.25 — **Lab Sample ID: 280-33874-2**
Date Collected: 09/27/12 08:10 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.6**		0.10	0.10	%			10/01/12 11:05	1

Client Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

General Chemistry

Client Sample ID: PS-68-0.25 — **Lab Sample ID: 280-33874-3**
Date Collected: 09/27/12 08:20 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.1		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PS-69-0.25 — **Lab Sample ID: 280-33874-4**
Date Collected: 09/27/12 08:30 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.1		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PS-70-0.25 — **Lab Sample ID: 280-33874-5**
Date Collected: 09/27/12 08:40 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.3		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PC-68-0.25 — **Lab Sample ID: 280-33874-6**
Date Collected: 09/27/12 09:00 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.0		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PC-69-0.25 — **Lab Sample ID: 280-33874-7**
Date Collected: 09/27/12 09:10 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.6		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PC-70-0.25 — **Lab Sample ID: 280-33874-8**
Date Collected: 09/27/12 09:20 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.8		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PC-71-0.25 — **Lab Sample ID: 280-33874-9**
Date Collected: 09/27/12 09:30 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.8		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PC-72-0.25 — **Lab Sample ID: 280-33874-10**
Date Collected: 09/27/12 09:40 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.9		0.10	0.10	%			10/01/12 11:05	1

Client Sample ID: PC-73-0.25 — **Lab Sample ID: 280-33874-11**
Date Collected: 09/27/12 09:50 — **Matrix: Solid**
Date Received: 09/28/12 09:15

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.78		0.10	0.10	%			10/01/12 11:05	1

QC Sample Results

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 280-139874/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 140197 — **Prep Batch: 139874**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1016	ND		32	4.9	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1232	ND		32	4.9	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1242	ND		32	8.8	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1248	ND		32	5.4	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1254	ND		32	5.3	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1260	ND		32	2.5	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1262	ND		32	11	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
PCB-1268	ND		32	3.8	ug/Kg		10/01/12 17:45	10/02/12 19:08	1
Polychlorinated biphenyls, Total	ND		32	2.5	ug/Kg		10/01/12 17:45	10/02/12 19:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*53 - 128*	*10/01/12 17:45*	*10/02/12 19:08*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 130*	*10/01/12 17:45*	*10/02/12 19:08*	*1*

Lab Sample ID: LCS 280-139874/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 140197 — **Prep Batch: 139874**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	66.7	64.6		ug/Kg		97	54 - 132
PCB-1260	66.7	56.5		ug/Kg		85	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*53 - 128*
DCB Decachlorobiphenyl	*89*		*59 - 130*

Lab Sample ID: 280-33874-1 MS — **Client Sample ID: PS-66-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 140197 — **Prep Batch: 139874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		74.0	49.3		ug/Kg	☼	67	54 - 132
PCB-1260	330		74.0	191	4	ug/Kg	☼	-185	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*58*		*53 - 128*
DCB Decachlorobiphenyl	*434*	*E X*	*59 - 130*

Lab Sample ID: 280-33874-1 MSD — **Client Sample ID: PS-66-0.25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 140197 — **Prep Batch: 139874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		175	158	F	ug/Kg	☼	91	54 - 132	105	36
PCB-1260	330		175	277	F	ug/Kg	☼	-29	62 - 129	37	44

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 280-33874-1 MSD
Matrix: Solid
Analysis Batch: 140197

Client Sample ID: PS-66-0.25
Prep Type: Total/NA
Prep Batch: 139874

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*64*		*53 - 128*
DCB Decachlorobiphenyl	*326*	*E X*	*59 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 280-33878-A-1 DU
Matrix: Solid
Analysis Batch: 139847

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.5			4.7		%				6	20

QC Association Summary

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

GC Semi VOA

Prep Batch: 139874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-33874-1	PS-66-0.25	Total/NA	Solid	3550C	
280-33874-1 MS	PS-66-0.25	Total/NA	Solid	3550C	
280-33874-1 MSD	PS-66-0.25	Total/NA	Solid	3550C	
280-33874-2	PS-67-0.25	Total/NA	Solid	3550C	
280-33874-3	PS-68-0.25	Total/NA	Solid	3550C	
280-33874-4	PS-69-0.25	Total/NA	Solid	3550C	
280-33874-5	PS-70-0.25	Total/NA	Solid	3550C	
280-33874-6	PC-68-0.25	Total/NA	Solid	3550C	
280-33874-7	PC-69-0.25	Total/NA	Solid	3550C	
280-33874-8	PC-70-0.25	Total/NA	Solid	3550C	
280-33874-9	PC-71-0.25	Total/NA	Solid	3550C	
280-33874-10	PC-72-0.25	Total/NA	Solid	3550C	
280-33874-11	PC-73-0.25	Total/NA	Solid	3550C	
LCS 280-139874/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-139874/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 140197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-33874-1	PS-66-0.25	Total/NA	Solid	8082A	139874
280-33874-1 MS	PS-66-0.25	Total/NA	Solid	8082A	139874
280-33874-1 MSD	PS-66-0.25	Total/NA	Solid	8082A	139874
280-33874-2	PS-67-0.25	Total/NA	Solid	8082A	139874
280-33874-3	PS-68-0.25	Total/NA	Solid	8082A	139874
280-33874-4	PS-69-0.25	Total/NA	Solid	8082A	139874
280-33874-5	PS-70-0.25	Total/NA	Solid	8082A	139874
280-33874-6	PC-68-0.25	Total/NA	Solid	8082A	139874
280-33874-7	PC-69-0.25	Total/NA	Solid	8082A	139874
280-33874-8	PC-70-0.25	Total/NA	Solid	8082A	139874
280-33874-9	PC-71-0.25	Total/NA	Solid	8082A	139874
280-33874-10	PC-72-0.25	Total/NA	Solid	8082A	139874
280-33874-11	PC-73-0.25	Total/NA	Solid	8082A	139874
LCS 280-139874/2-A	Lab Control Sample	Total/NA	Solid	8082A	139874
MB 280-139874/1-A	Method Blank	Total/NA	Solid	8082A	139874

General Chemistry

Analysis Batch: 139847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-33874-1	PS-66-0.25	Total/NA	Solid	Moisture	
280-33874-2	PS-67-0.25	Total/NA	Solid	Moisture	
280-33874-3	PS-68-0.25	Total/NA	Solid	Moisture	
280-33874-4	PS-69-0.25	Total/NA	Solid	Moisture	
280-33874-5	PS-70-0.25	Total/NA	Solid	Moisture	
280-33874-6	PC-68-0.25	Total/NA	Solid	Moisture	
280-33874-7	PC-69-0.25	Total/NA	Solid	Moisture	
280-33874-8	PC-70-0.25	Total/NA	Solid	Moisture	
280-33874-9	PC-71-0.25	Total/NA	Solid	Moisture	
280-33874-10	PC-72-0.25	Total/NA	Solid	Moisture	
280-33874-11	PC-73-0.25	Total/NA	Solid	Moisture	
280-33878-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Client Sample ID: PS-66-0.25 — Lab Sample ID: 280-33874-1

Date Collected: 09/27/12 08:00 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 89.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/02/12 19:55	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PS-67-0.25 — Lab Sample ID: 280-33874-2

Date Collected: 09/27/12 08:10 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/02/12 21:04	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PS-68-0.25 — Lab Sample ID: 280-33874-3

Date Collected: 09/27/12 08:20 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 92.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.1 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/02/12 21:27	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PS-69-0.25 — Lab Sample ID: 280-33874-4

Date Collected: 09/27/12 08:30 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 93.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.2 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/02/12 21:50	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PS-70-0.25 — Lab Sample ID: 280-33874-5

Date Collected: 09/27/12 08:40 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 97.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			33.0 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		2			140197	10/03/12 09:18	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Client Sample ID: PC-68-0.25 — Lab Sample ID: 280-33874-6

Date Collected: 09/27/12 09:00 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 99.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/02/12 22:37	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PC-69-0.25 — Lab Sample ID: 280-33874-7

Date Collected: 09/27/12 09:10 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 98.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.3 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/02/12 23:00	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PC-70-0.25 — Lab Sample ID: 280-33874-8

Date Collected: 09/27/12 09:20 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 97.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		2			140197	10/03/12 09:41	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PC-71-0.25 — Lab Sample ID: 280-33874-9

Date Collected: 09/27/12 09:30 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 97.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		10			140197	10/03/12 10:04	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Client Sample ID: PC-72-0.25 — Lab Sample ID: 280-33874-10

Date Collected: 09/27/12 09:40 — **Matrix: Solid**
Date Received: 09/28/12 09:15 — **Percent Solids: 98.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.9 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/03/12 00:09	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Lab Chronicle

Client: Hargis + Associates, Inc.
Project/Site: Beckman Coulter - Palo Alto

TestAmerica Job ID: 280-33874-1

Client Sample ID: PC-73-0.25 | **Lab Sample ID: 280-33874-11**

Date Collected: 09/27/12 09:50 | **Matrix: Solid**

Date Received: 09/28/12 09:15 | **Percent Solids: 99.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	10000 uL	139874	10/01/12 17:45	SPF	TAL DEN
Total/NA	Analysis	8082A		1			140197	10/03/12 00:33	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			139847	10/01/12 11:05	SG	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Login Sample Receipt Checklist

Client: Hargis + Associates, Inc.

Job Number: 280-33874-1

Login Number: 33874
List Number: 1
Creator: Bindel, Aaron M

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

3.1°C 2.4°C TR 2.1 5-28-12

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Brian Waggle	Site Contact: Brian Waggle	Date: 9/27/12	COC No:
Hargis & Associates	Tel/Fax: (602) 321 - 8650	Lab Contact: D. Sharma	Carrier: hand	1 of 1 COCs
1640 S. Stapley Dr. Suite 209	Analysis Turnaround Time			Job No.
Mesa,Az 85204	Calendar (C) or Work Days (W) W			
Phone (480) 345-0888	TAT if different from Below _____			
FAX (480) 730-0508	☐ 2 weeks			SDG No.
Project Name:Beckman Coulter Palo Alto	☑ 1 week			
Site: Palo Alto,CA	☐ 2 days			Sampler:
P O # 458.7	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PCB EPA8082A	Clean up using EPA 3665A	Extract using EPA 3550C	Report results on dry weight basis	Report all Arochlors and total PCB's	Hold on analysis	Sample Specific Notes:
PS-66-0.25	9/27/12	0800	←	SOIL	1		X	X	X	X	X		
PS-67-0.25		0810	←	SOIL	1		X	X	X	X	X		
PS-68-0.25		0820	←	SOIL	1		X	X	X	X	X		
PS-69-0.25		0830	←	SOIL	1		X	X	X	X	X		
PS-70-0.25		0840	←	SOIL	1		X	X	X	X	X		
PC-68-0.25		0900	Concrete	~~SOIL~~	1		X	X	X	X	X		
PC-69-0.25		0910		~~SOIL~~	1		X	X	X	X	X		
PC-70-0.25		0920		~~SOIL~~	1		X	X	X	X	X		
PC-71-0.25		0930		~~SOIL~~	1		X	X	X	X	X		
PC-72-0.25		0940		~~SOIL~~	1		X	X	X	X	X		
PC-73-0.25		0950		~~SOIL~~	1		X	X	X	X	X		
				~~SOIL~~									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☑

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

Special Instructions/QC Requirements & Comments:
see above for special extraction, cleanup, analyses, & reporting requirements

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Brian Waggle	H&A	9-27-12 1135	[illegible]	TA	9-27-12 1135
[illegible] 141074	TA SF	9/27/12 1540	[illegible]	TA	9/28/12 0915