ENVIRONMENTAL SITE CHARACTERIZATION

Chapel Hill Police Department Property

828 Martin Luther King Jr. Boulevard
Chapel Hill, Orange County, NC

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Prepared for:
Town of Chapel Hill
Chapel Hill Town Hall
405 Martin Luther King, Jr. Blvd.
Chapel Hill, NC 27514

Submitted by:
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Falcon Project Number | E13047.00

March 25, 2014

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FIGURES

TABLES

SECTION 1
INTRODUCTION

Falcon Engineering, Inc. (Falcon) conducted an Environmental Site Characterization in general accordance with the January 2014 Inactive Hazardous Sites Program's Guidelines for Assessment and Cleanup. This assessment was performed on a property with the property identification number (PIN) 9789413949. Figure 1 (Appendix A) provides a general site location map of the subject property. Additional figures detailing sample locations are also provided in Appendix A of this report.

1.1 Site Location and Description

The evaluated property is approximately a 10.24-acre property located along Martin Luther King Jr. Blvd. in Chapel Hill, North Carolina. The site is located to the east of Martin Luther King Jr. Blvd., with development primarily focused in the northwest corner. The property is located immediately north of Bolin Creek, beginning approximately 200 feet north of the centerline of Hillsborough Street.

The property is currently developed with a 2 story structure approximately 35,000 square feet in size. There are also two parking lots and a few cargo containers used for storage present on site. The site is currently occupied by the Chapel Hill Police Department. The building is located in the northwest corner, with the majority of parking in the center of the site. The eastern and southern portions of the site are wooded.

1.2 Project Objective and Scope of Work

The Town of Chapel Hill retained Falcon to conduct this Environmental Site Characterization. The purpose of the investigation was to further delineate environmental conditions present at the site in regards to the former use as an ash landfill. Previous work conducted at the site is detailed below (Phase I ESA & Limited Phase II) but is provided under a separate cover:

The project goals of the Phase I were accomplished through the completion of the following tasks:

- Review of environmental databases and lists obtained from Federal, State, and local regulatory agencies including historic maps and directories of the site and the surrounding areas.
- Visual inspection of the subject site, including photographic documentation of existing conditions and notation of adjacent property use and conditions.
- Interviews with those knowledgeable of the site's history (as appropriate or required).

The project goals of the Limited Phase II were accomplished through the completion of the following tasks:

- Sediment and groundwater sampling to determine the existing conditions within identified areas on the subject property. Sampling included two sediment samples and 3 water samples.
- Laboratory analyses of samples for chemicals of concern.
- Comparison of analytical results to applicable criteria.

Based on findings of those investigations NCDENR requested the lab results from two down gradient monitoring wells and additional composite samples of the ash landfill area. Falcon also conducted geoprobe drilling on site to better assess the extent of potential Coal Combustion Products (CCPs) on the subject property.

1.3 Current Land Use

The subject property was generally undeveloped until the current police station was constructed after 1980. However, as discussed in the Historical Usage section, it appears the site was used as a borrow pit in the late 1950's through early 1960's then as a fill site from the mid-1960's to mid-1970's. The site has been the home of the Chapel Hill Police Station since the town acquired it in 1980. During the site reconnaissance, it became apparent that the site had significant amount of fill materials placed at one time. There is a steep slope along the southern portion of the property, where it was apparent that significant coal combustion products (CCPs) and debris were placed on the site.

SECTION 2
METHODS OF INVESTIGATION

2.1 Monitoring Well Installation

In previous investigative efforts, two (2) groundwater monitoring wells had been installed, MW-1 a permanent well and MW-2 a temporary well. MW-1 was installed adjacent to the southwest of the Police Station Building. MW-2 was installed between the subject property and Bolin Creek. Results from these sampling activities were provided in previously submitted reports to NC DENR.

The first phase of this investigation involved the installation of two (2) down gradient groundwater monitoring wells on January 27, 2014. MW-3 was placed down gradient of the CCPs within the wooded area north of Bolin Creek Greenway Trail. MW-3 was located towards the western side of the subject property. MW-4 was placed downgradient of the CCPs, also within the wooded area north of Bolin Creek Greenway Trail. MW-4 was located toward the eastern side of the subject property. The installation depth of MW-3 was 11.0 ft below ground surface (bgs) and the installation depth of MW-4 was 9.2 ft bgs. Initial groundwater depths were recorded at 3.4 ft bgs for MW-3 and 4.1 ft bgs for MW-4. It should be noted that the shallow depths and auger refusal may have been due to the natural geology located in this area and the sites close proximity to Bolin Creek. Well Construction records are provided in Appendix C of this report.

The installation of an additional well was attempted (MW-5) as an up-gradient well to determine background groundwater concentrations. This well was proposed to be placed on the north end of the property in the upper parking lot. Drilling was performed at this location until continued auger refusal was achieved due to onsite geologic conditions. Drilling completed at MW-5 at a final depth of 31.5 ft bgs. The augers were left for 12 hours to see if groundwater was present at these depths; however the well was observed to be dry and as a result filled in.

Following installation of these wells, these wells were developed on January 29-30, 2014. Falcon utilized Region 4 EPA guidance document for the Design and Installation of Monitoring Wells. The method of purging the wells was by pumping and bailing. Per the established guidance, 24-

hours were allowed for the surface pad and protective casing to settle and at least 24-hours were allowed in between purging and sampling. Both wells recharged following adequate purging of at least three (3) well volumes or the wells being purged dry.

2.2 Groundwater Sampling

Following installation, development and purging of these down gradient groundwater monitoring wells, environmental sampling was conducted. This sampling was performed on February 5, 2014 and was completed in accordance with the January 2014 Inactive Hazardous Sites Program's Guidelines for Assessment and Cleanup. Based upon this guidance, Table 1 provides the analytical methods that were used in the collection of these environmental samples. All analytical methods were performed by Prism Laboratories, Inc. (NC Certification No. 402). Falcon utilized these parameters for the sampling of MW-3 and MW-4. Table 2 provides a summary of those constituents that were above the analytical reporting limits. A full laboratory report is provided in Appendix D of this report.

TABLE 1 | GROUNDWATER ANALYTICAL METHODS

Groundwater Constituents	Analytical Method
Volatile Organic Compounds (VOC)	SW 846 Method 8260
1,4-Dioxane	SW 846 Method 8260 SIM
Semi-volatile Organic Compounds (SVOC)	SW-846 Method 8270
Metals	USEPA method for detection limits below the 15A NCAC 2L standards
Hexavalent chromium	USEPA Method 218.7 or 218.6 as modified by US EPA Region IV

TABLE 2 | SUMMARY OF GROUNDWATER LAB RESULTS

Constituent of Potential Concern (COPC)	Units	Sampling Locations			NC DENR GW Standard (15A NCAC 02L .0202)
		MW-4	MW-3	MW-5*	
Mercury	ug/l	**1.4**	BRL	NS	1
Arsenic	ug/l	**140**	BRL	NS	10
Barium	ug/l	**6500**	160	NS	700
Cadmium	ug/l	1.7	BRL	NS	2
Chromium	ug/l	**930**	BRL	NS	10
Lead	ug/l	**250**	BRL	NS	15
Selenium	ug/l	**99**	BRL	NS	20

NOTES:
*Values shown in **BOLD** are above the applicable standard*
BRL = Below Reporting Limit
NS = Not Sampled
** MW-5 was drilled to a depth of 31.5 ft bgs but no groundwater encountered*

2.3 Surface Water Sampling

Bolin Creek runs adjacent to the subject property, bordering the southern property line. As the natural topography drains in the southern direction towards Bolin Creek, Falcon collected two grab samples from Bolin Creek to determine any potential impacts to this water body via groundwater or surface water runoff. The Bolin Creek samples, consisted of one downstream sample (BC-2) and one upstream sample (BC-1). This sampling method allowed for the collection of a background sample, via BC-1, prior to this water body encountering this property, and an impacted sample, via BC-2 after this water body would of seen surface runoff from this property. This sampling was performed on February 5, 2014 and was completed in accordance with the January 2014 Inactive Hazardous Sites Program's Guidelines for Assessment and Cleanup. The same analytical methods outlined in Table 1 above were also used for the analysis of these collected surface water samples. All analytical methods were performed by Prism Laboratories, Inc. (NC Certification No. 402). Table 3 provides a summary of those constituents that were above the analytical reporting limits. A full laboratory report is provided in Appendix D of this report.

TABLE 3 | SUMMARY OF SURFACE WATER LAB RESULTS

Constituent of Potential Concern (COPC)	Units	Sampling Locations		NC DENR Surface Water Standard (15A NCAC 02B)
		BC-1	BC-2	
Barium	mg/l	0.024	0.024	1

NOTES:
BRL = Below Reporting Limit

2.4 Composite Soil Sampling

To determine the nature and extent of potentially contaminated soils, Falcon performed composite soil sampling at three locations along the southern property line. Sampling was conducted according to the January 2014 Inactive Hazardous Sites Program's Guidelines for Assessment and Cleanup and approved EPA sampling protocol for General Composite Sample Collection Procedures. Composite soil sample locations consisted of locations identified as S-5, S-6, and S-7. All three locations were in areas observed to be potentially exposed CCP. The samples were taken by auger and consisted of 4.0 feet of material just below removed leaf litter. The samples were then placed in large bags and thoroughly combined before sampling. This sampling was completed on January 31, 2014. Figure 2 provided in Appendix A provides a visually depiction of these sampling locations. The sampling figure denotes locations as well as pictures in Appendix B. Table 4 below provides a summary of sampling results that were above the established laboratory reporting limits.

TABLE 4 | SUMMARY OF COMPOSITE SOIL SAMPLING LAB RESULTS

Constituent of Potential Concern (COPC)	Units	Sampling Locations			Maximum Soil Contaminant Concentrations (MSCC)		
		S-5	S-6	S-7	Soil to GW	Residential	Commercial
Hexavalent Chromium	mg/kg	1.3	2.7	1.4	5.4	47	1,226
Mercury	mg/kg	0.3	0.42	0.44	NA	NA	NA
Arsenic	mg/kg	37	43	44	NA	NA	NA
Barium	mg/kg	**2,800**	**3,200**	**2,500**	290	3,100	81,000
Chromium	mg/kg	21	22	29	5.4	47	1,226
Lead	mg/kg	10	12	11	270	400	400
Selenium	mg/kg	3.2	6.1	4.5	NA	NA	NA
4-Isopropyltoluene	mg/kg	0.051	ND	0.024	NA	NA	NA
Acetone	mg/kg	0.14	0.17	0.11	24	14,000	360,000
Methyl Ethyl Ketone (2-Butanone)	mg/kg	BRL	0.0086	BRL	16	9385	245,280
Toxaphene	mg/kg	BRL	BRL	0.17	NA	NA	NA

NOTES:
*Values shown in **BOLD** are above the most stringent of the applicable MSCC*
BRL = Below Reporting Limit
NA = Not applicable. No MSCC for this constituent

2.5 Geoprobe Soil Sampling

To provide a preliminary delineation of potentially present CCPs, a geoprobe was mobilized to advance into the soils on the subject property. Troxler Geologic was contracted to provide these geoprobe services under the direction of Falcon staff. Falcon established a sampling grid across the horizontal extent of the subject property to determine the presence or absence of disposed CCPs. A visual depiction of these sampling locations can be found in Appendix A of this report.

Table 5 below provides summary data for each of the geoprobed locations. This table includes location ID, final probed depths and approximate depths to which CCPs may be present. It should be noted that due to the consistency of CCPs, the material being compacted can give inaccurate portrayals of the depths of these materials. Falcon used its best judgment in determining the vertical extents of the material based on ease of drilling, recoveries, and site characteristics/gradient. It should also be noted that in some locations a layering of ash followed by a debris material or fill then back into an ash layer was observed. Field logs and pictures are provided in the Appendix for a more detailed description.

Table 6 provides a summary of the analytical results for the collected geoprobe soil samples. This summary table provides only those constituents that were reported above the established laboratory reporting limits. Full detailed laboratory analysis can be found within Appendix D of this report.

TABLE 5 | SUMMARY OF GEOPROBE COLLECTED DATA

Geoprobe Location ID	Final Boring Depth (ft bgs)	Depths Ash Present (ft bgs)	Soil Sampling Depth (ft bgs)	Notes
GP-1	14	9 - 12	8 - 12	Refusal at 14 ft bgs into weathered rock
GP-2	35	5 - 30	26 - 28	Refusal at 35 ft bgs
GP-3	17	10 - 16	10 - 12	Refusal at 17 ft bgs due to possible landfill debris
GP-4	20	3 - 16	10 - 12	Into native soils at 17 ft bgs
GP-5-A	8	4 - 8	No Samples	Refusal from wood debris at 8 ft bgs
GP-5	12	4 - 8	Sampled 4 - 6	Refusal at 12 ft bgs
GP-6	26	11 - 23	9 - 11	Into native soils at 24 ft bgs
GP-7	20	3 - 14	10 - 12	Into native soils at 16 ft bgs
GP-8	17	5 - 15	11 - 15	Into native soils at 16 ft bgs
GP-9	8	-	No Samples	Into native soils at 4 ft bgs / No ash observed
GP-10	8	-	No Samples	Into native soils at 1 ft bgs / No ash observed
GP-11	9	3 - 9	4 - 6	Refusal at 9 ft bgs
GP-12	12	2 - 10	2 - 4	Into native soils at 11 ft bgs

TABLE 6 | SUMMARY OF GEOPROBE SOIL SAMPLE LAB RESULTS

Constituent of Potential Concern (COPC)	Units	Sampling Locations			Maximum Soil Contaminant Concentrations (MSCC)		
		GP-1	GP-2	GP-3	Soil to GW	Residential	Commercial
Mercury	mg/kg	0.083	0.24	0.42	NA	NA	NA
Arsenic	mg/kg	3.5	41	48	NA	NA	NA
Barium	mg/kg	86	**1,100**	**1,200**	290	3,100	81,000
Chromium	mg/kg	**8.8**	**19**	**23**	5.4	47	1,226
Lead	mg/kg	26	11	39	270	400	400
Selenium	mg/kg	BRL	4	BRL	NA	NA	NA
Hexavalent Chromium	mg/kg	BRL	BRL	0.53	5.4	47	1,226

NOTES:
*Values shown in **BOLD** are above the most stringent of the applicable MSCC*
BRL = Below Reporting Limit
NA = Not applicable. No MSCC for this constituent

TABLE 6 | SUMMARY OF GEOPROBE SOIL SAMPLE LAB RESULTS (CONTINUED)

Constituent of Potential Concern (COPC)	Units	Sampling Locations			Maximum Soil Contaminant Concentrations (MSCC)		
		GP-4	GP-5	GP-6	Soil to GW	Residential	Commercial
Mercury	mg/kg	0.51	0.33	11	NA	NA	NA
Arsenic	mg/kg	59	72	65	NA	NA	NA
Barium	mg/kg	**2,900**	**2,800**	**850**	290	3,100	81,000
Chromium	mg/kg	**20**	**19**	**19**	5.4	47	1,226
Lead	mg/kg	11	9.5	27	270	400	400
Selenium	mg/kg	5.8	2.6	4.1	NA	NA	NA
Hexavalent Chromium	mg/kg	BRL	BRL	BRL	5.4	47	1,226

NOTES:
*Values shown in **BOLD** are above the most stringent of the applicable MSCC*
BRL = Below Reporting Limit
NA = Not applicable. No MSCC for this constituent

TABLE 6 | SUMMARY OF GEOPROBE SOIL SAMPLE LAB RESULTS (CONTINUED)

Constituent of Potential Concern (COPC)	Units	Sampling Locations			Maximum Soil Contaminant Concentrations (MSCC)		
		GP-7	GP-8	GP-11	Soil to GW	Residential	Commercial
Mercury	mg/kg	0.26	0.29	0.35	NA	NA	NA
Arsenic	mg/kg	55	54	16	NA	NA	NA
Barium	mg/kg	**1,700**	**4,100**	**450**	290	3,100	81,000
Chromium	mg/kg	**19**	**20**	**16**	5.4	47	1,226
Lead	mg/kg	11	9.2	23	270	400	400
Selenium	mg/kg	4.3	4.5	BRL	NA	NA	NA
Hexavalent Chromium	mg/kg	BRL	BRL	BRL	5.4	47	1,226

NOTES:
*Values shown in **BOLD** are above the most stringent of the applicable MSCC*
BRL = Below Reporting Limit
NA = Not applicable. No MSCC for this constituent

TABLE 6 | SUMMARY OF GEOPROBE SOIL SAMPLE LAB RESULTS (CONTINUED)

Constituent of Potential Concern (COPC)	Units	Sampling Locations			Maximum Soil Contaminant Concentrations (MSCC)		
		GP-12			Soil to GW	Residential	Commercial
Mercury	mg/kg	0.28			NA	NA	NA
Arsenic	mg/kg	52			NA	NA	NA
Barium	mg/kg	**2,000**			290	3,100	81,000
Chromium	mg/kg	**19**			5.4	47	1,226
Lead	mg/kg	14			270	400	400
Selenium	mg/kg	2.1			NA	NA	NA
Hexavalent Chromium	mg/kg	BRL			5.4	47	1,226

NOTES:
*Values shown in **BOLD** are above the most stringent of the applicable MSCC*
BRL = Below Reporting Limit
NA = Not applicable. No MSCC for this constituent

SECTION 3

SITE GEOLOGY AND HYDROGEOLOGY

3.1 Description of Soils

The US Natural Resource Conservation Service's Orange County Soil Survey provides two (2) different native soil types on the subject site:

- TaE – Tatum Silt Loam Complex (15 to 25 percent slopes) - well drained soil derived from red saprolite (50% of the overall subject site).
- WmE – Wedowee Sandy Loam Complex (15 to 25 percent slopes) - well drained soil derived from red saprolite (50% of the overall subject site).

3.2 Hydrogeologic Conditions

A review of the Chapel Hill, NC USGS 7.5-minute 1946 topographic map, which includes the project site, indicates that the site is located on varying elevations from 375 feet above mean sea level (msl) in the northwest corner of the site to 284 feet msl in the southeast corner where the site meets Bolin Creek. The 2010 Topographic Map from Orange County GIS indicates significantly different contours from the USGS maps. This data supports the filling and leveling of the site which would explain the soil/debris layers observed within the geoprobe soil profiles.

The site is bounded on the north and west by paved streets, to the east by residential developed woodlands and to the south by Bolin Creek. The general site drainage is to the South via overland flow and along stormwater trenches aside Martin Luther King Jr. Blvd. All stormwater drains from this site into Bolin Creek. Very little, if any, surface water comes onto the site from offsite.

SECTION 4

SUMMARY OF FINDINGS

Falcon Engineering, Inc. completed an Environmental Site Characterization at 828 Martin Luther King Jr. Boulevard located in Chapel Hill, North Carolina. The purpose of the investigation was to evaluate the on-site soils and groundwater for potential CCPs within the property boundaries.

For this investigation, our scope of services consisted of the collection of composite soil samples, groundwater samples and surface water samples to determine the existing conditions present on the subject property. Sampling activities included the following:

- Collection of three (3) composite soil samples via hand augered locations in the area of suspected CCP disposal. These sampling locations were identified as S-5, S-6, and S-7.
- Collection of two (2) groundwater samples identified as MW-3 and MW-4. A duplicate sample was collected as a quality assurance sample from MW-3 and was identified as MW-3A.
- Collection of two (2) surface water samples from Bolin Creek. BC-1 was collected as an up gradient grab sample and BC-2 was collected as a down gradient sample.
- In addition, Falcon advanced twelve (12) geoprobe borings into pre-defined locations throughout property to transect and attempt to delineate the vertical and horizontal extents of potential CCPs located at the subject property.

Based upon our completed field activities and subsequent laboratory analysis Falcon was able to provide the following findings:

1. Composite soils sampled confirmed the presence of CCPs at the subject property. Laboratory results confirmed the presence of Arsenic, Barium, Chromium, Lead, and Selenium within the collected samples. Barium and Chromium were reported to be above the NC DENR Soil to Groundwater MSCCs. Only Barium was reported to be above the NC DENR Residential MSCCs on a few samples.

2. Groundwater collected from MW-4 appears to have been impacted from the leaching of CCPs. Based upon laboratory data, levels of Mercury, Arsenic, Barium, Chromium, Lead and Selenium were all above the NC DENR 2L Groundwater Standard.

3. Groundwater collected from MW-3 showed reported concentrations of Barium within the sample, but was below the NC DENR 2L Groundwater Standard.

4. Surface water sampled from Bolin Creek did not exhibit results indicative of environmental contamination above established NC DENR Surface Water Standards for water supply sources or freshwater aquatic life.

SECTION 5

RECOMMENDATIONS

In response to this investigation, The Town of Chapel Hill has authorized Falcon to restrict public access via the installation of fencing along the south portions of the property in which the CCPs is visibly exposed. The Town of Chapel Hill has also authorized Falcon to install silt fencing along this southern property line to mitigate the potential for these CCPs to migrate offsite as a result of stormwater run-off. Additional silt fencing was also installed along the toe of the hill along this southern property to prevent further erosion and migration of these materials from the hillside. These measures are prudent cautionary measures to prevent CCPs from leaving the site and to deter public access into these identified areas.

Falcon recommends that these results be submitted to NC DENR for further review and consultation. Additional sampling of the installed groundwater monitoring wells can be performed on a routine schedule as dictated by NC DENR or desired by the Town of Chapel Hill. It is recommended that this area be inspected on a quarterly basis to ensure the preventative measures are remaining in proper functional order. While these preventative measures provide an adequate short-term mitigation, a more permanent solution should be considered following consultations with NC DENR. Falcon is available to provide additional consultation and recommended courses of action for these solutions.

APPENDIX A
FIGURES

FIGURE 1 | GENERAL SITE LOCATION

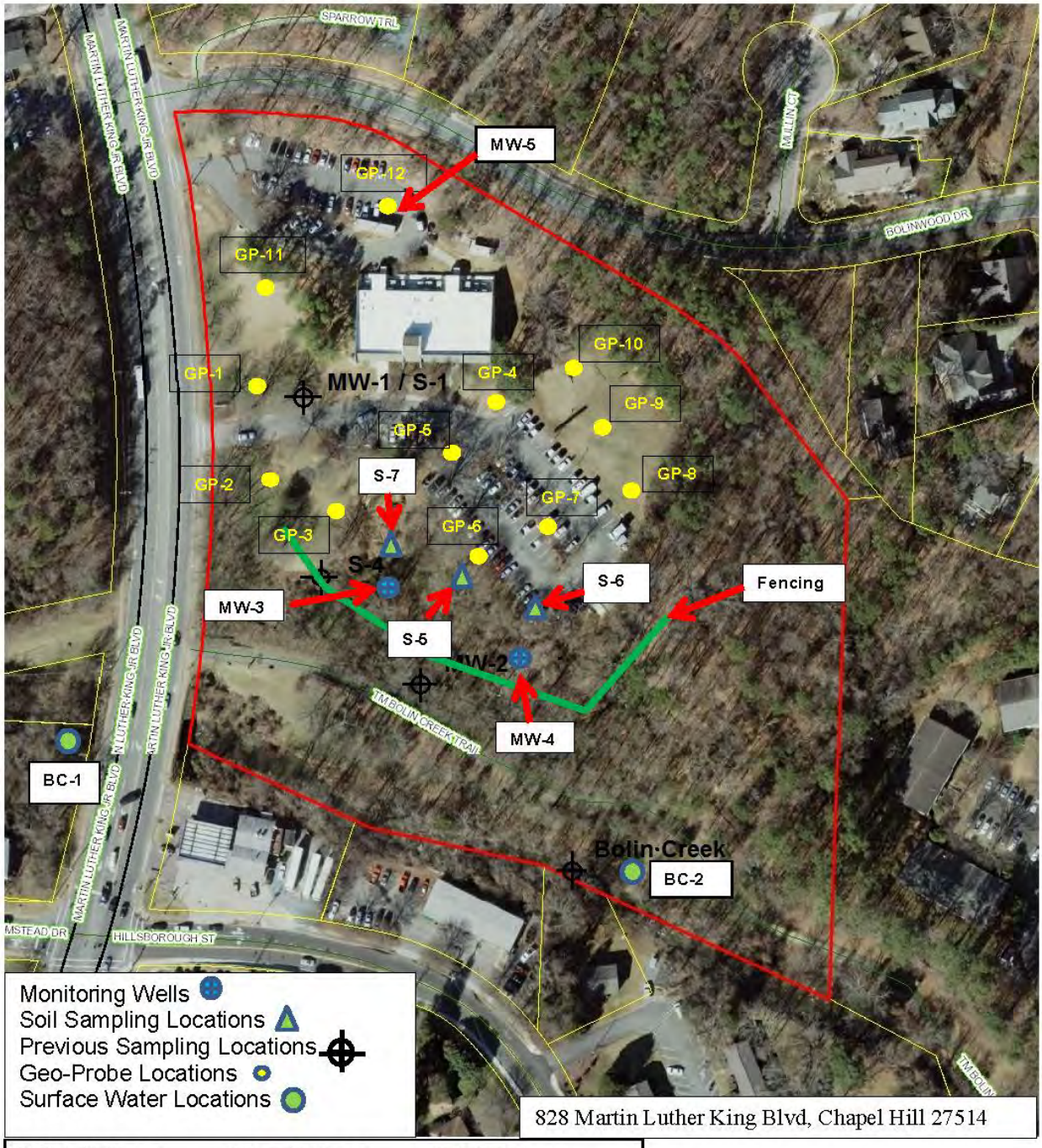
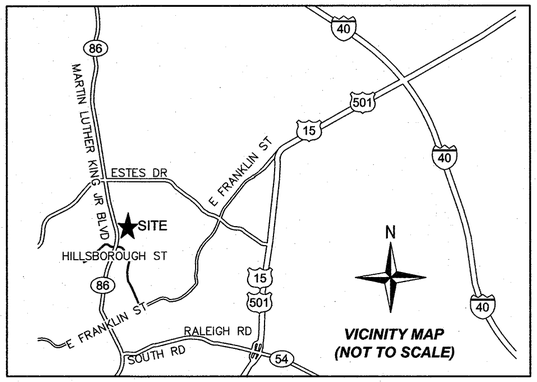


FIGURE 2 | APPROXIMATE SAMPLING LOCATION MAP



VICINITY MAP (NOT TO SCALE)

ABBREVIATIONS

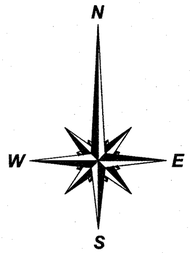
BLVD	BOULEVARD
DR	DRIVE
ELEV	ELEVATION
ST	STREET

GENERAL NOTES

1) THE PURPOSE OF THIS PLAT IS TO SHOW MONITORING WELLS AND BUILDINGS IN RELATION TO THE CONTROL LINE ESTABLISHED FOR THIS SURVEY.
2) ALL BEARINGS, DISTANCES, AND COORDINATES SHOWN HEREON ARE BASED UPON THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), WITH NAVD88 (GEOID 12) ELEVATIONS, PER A GPS SURVEY PERFORMED BY TAYLOR WISEMAN AND TAYLOR ON FEBRUARY 25, 2014. THE N.C. STATE PLANE COORDINATE SYSTEM SHOWN FOR CONTROL POINTS HEREON WERE ESTABLISHED UTILIZING GLOBAL POSITIONS SYSTEMS (GPS) IN CONJUNCTION WITH THE NORTH CAROLINA GEODETIC SURVEY'S VIRTUAL REFERENCE SYSTEM (VRS), WHICH IS BASED UPON THE CONTINUALLY OPERATING REFERENCE STATIONS (CORS).
3) PROPERTIES SHOWN HEREON ARE SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD THAT WOULD BE REVEALED BY A THOROUGH TITLE SEARCH. THIS PLAT SHOULD NOT BE RELIED UPON AS A COMPLETE RECORD OF ALL EASEMENTS THAT MAY EFFECT THESE PROPERTIES.
4) THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY. PROPERTY LINES, STREAM CENTERLINES AND PLANIMETRIC INFORMATION SHOWN HEREON WERE TAKEN FROM THE ORANGE COUNTY GIS DATABASE ON MARCH 03, 2014 AND THIS INFORMATION HAS BEEN SHOWN HEREON FOR REFERENCE PURPOSES ONLY. NO TRANSLATION, ROTATION OR SCALING WAS PERFORMED ON THE GIS DATA. IT WAS INSERTED INTO OUR DRAWING FILE AS PROVIDED. NO ACCURACY OR POSITIONAL TOLERANCE IS GUARANTEED BY THIS SURVEY AS TO HOW THE SURVEYED FEATURES TRULY RELATE TO THE GIS INFORMATION SHOWN HEREON.
5) ALL DISTANCES AND COORDINATES SHOWN HEREON ARE LOCALIZED, GROUND INFORMATION, UNLESS SPECIFICALLY NOTED AS "GRID".

FEATURE TABLE

ID	NORTHING	EASTING	TOP CASE ELEV	GROUND ELEV
MW-1	792206.53	1984238.25	346.12	346.52
MW-3	791897.55	1984360.36	304.95	301.47
MW-4	791819.55	1984508.46	301.42	297.79
MW-5	792377.87	1984299.80	-	362.76
NOTE MW-5'S LOCATION IS AT GROUND ELEVATION				
MW-5 WAS DRILLED, BUT NOT SET				

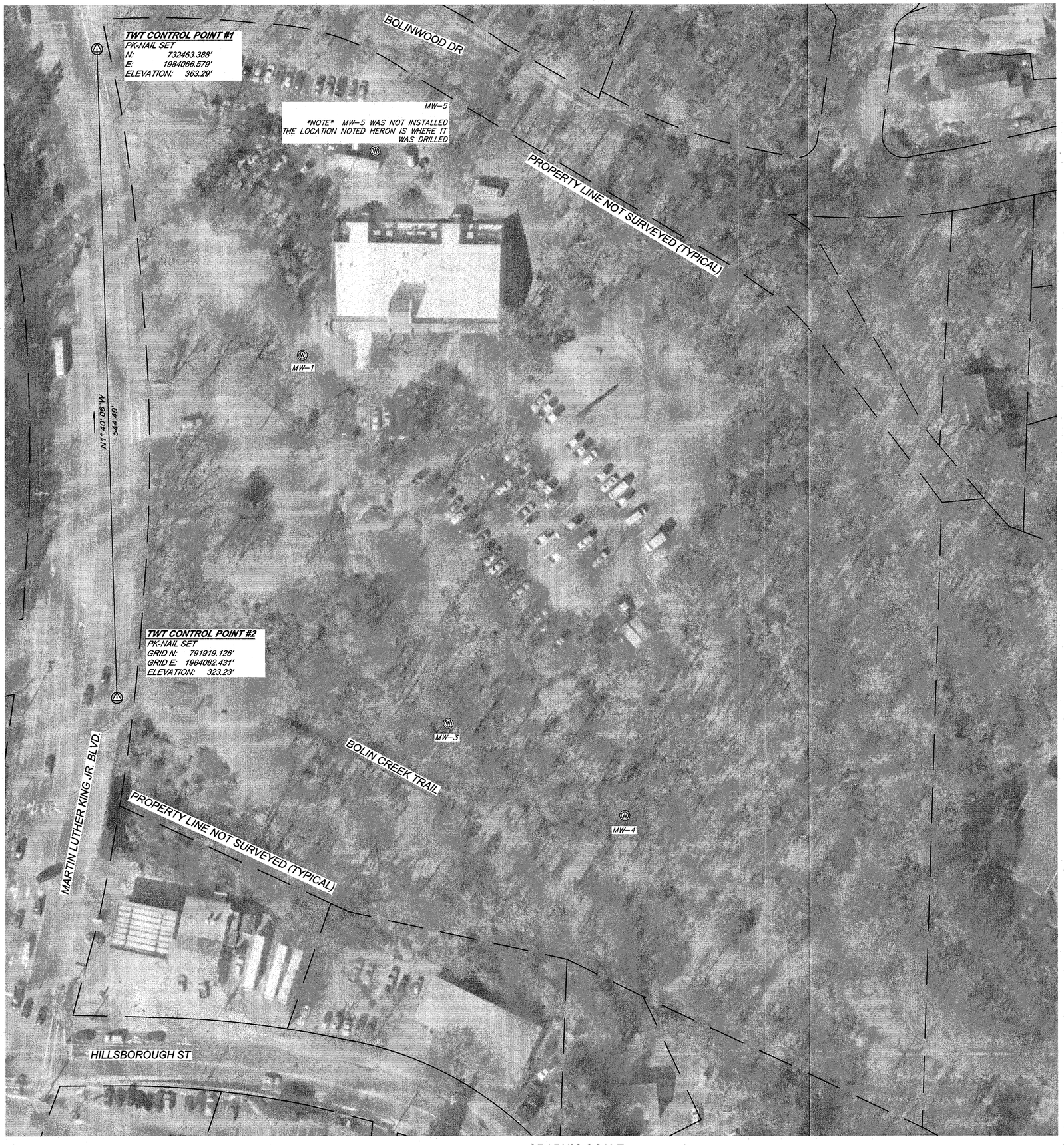


NC Grid - NAD 83 (2011)

SURVEY CONTROL / GRID TIE NOTES

DATUM DESCRIPTION:	
NC STATE PLANE COORDINATE SYSTEM	
NAD83 (2011) [EPOCH: 2010.00]	
NAVD88 (GEOID 2012A)	
UNIT OF MEASUREMENT:	U.S. SURVEY FOOT
GPS FIELD PROCEDURE:	REAL TIME NETWORK (VRS)
DATE OF GPS SURVEY:	2/26/2014
GPS ANTENNA:	TRIMBLE R8-3 (SN: 5005414918)
PUBLISHED / FIXED CONTROL USED:	
STATION NAME:	DURH
PID:	DG9328
LATITUDE:	35°59'46.12941"N
LONGITUDE:	78°53'58.03641"W
ELLIPSOID HEIGHT:	385.386
GEOID HEIGHT:	-102.789
ADJUSTMENT:	
SURVEY DATA WAS POST PROCESSED WITH TRIMBLE	
GEOMATICS OFFICE (TGO) USING A NETWORK LEAST	
SQUARES ADJUSTMENT AT THE 95% CONFIDENCE LEVEL	
CLASS OF SURVEY:	CLASS A (URBAN)
POSITIONAL ACCURACY:	0.05
POINT OF LOCALIZATION:	TWT# 2
COMBINED FACTOR:	0.999931127

SYMBOL LEGEND	
Ⓦ	MONITORING WELL
△	SURVEY CONTROL POINT



GRAPHIC SCALE

60 0 30 60 120 240

1" = 60'

I, CHAD T. HOWARD, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION, FROM AN ACTUAL GROUND (CONVENTIONAL) AND GPS SURVEY MADE UNDER MY SUPERVISION;
THAT THE GPS SURVEY INFORMATION (METADATA) HAS BEEN REPORTED HEREON UNDER THE "SURVEY CONTROL / GRID TIE NOTES";
THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS SUCH AND ARE BASED UPON THE DEEDS AND PLATS REPORTED HEREON;
THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY HAS BEEN REPORTED HEREON.

WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 4th DAY OF MARCH, IN THE YEAR OF OUR LORD 2014.

3/4/2014

NORTH CAROLINA PROFESSIONAL SEAL L-4220 LAND SURVEYOR CHAD T. HOWARD

CHAD T. HOWARD LICENSE NO. L-4220

SURVEY PREPARED FOR:

FALCON ENGINEERING

SURVEY PERFORMED BY:

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3500 REGENCY PARKWAY, SUITE 280, CARY, NC 27518
PHONE (919) 297-0085 FAX (919) 297-0090
NORTH CAROLINA LICENSE NUMBER: F-0362

MONITORING WELL LOCATION SURVEY

CHAPEL HILL POLICE DEPARTMENT
828 MARTIN LUTHER KING JR BLVD
ORANGE COUNTY, CHAPEL HILL, NC

REVISIONS:

DATE OF SURVEY:	02/26/2014
SCALE:	1" = 60'
DRAWN BY:	J. REYNOLDS
CHECKED BY:	C. HOWARD
PROJECT:	70616.6007.00
SHEET:	1 / 1

q:\CAD\70616\70616.6007.00\dwg\70616.6007.00-BASE.dwg

APPENDIX B

PHOTOGRAPHS

Drill Rig and fence gate

Fencing along south property line

Fence run into the hillside in the west

Drill rig path and original MW-4 location

Shallow water table at original MW-4

Two auger holes having refusal for MW-4

Leaf litter and potential CCP

MW-4 location in southeast corner of site

Attempted location for MW-5 in north

Encountered soils at MW-5 location

MW-5 location in north

Shallow soils encountered at MW-5 location

MW-5 encountered soils ~25-30 ft bgs

Composite S-5 sample of potential CCP

S-5 sample location on hillside

View facing greenway from S-5 location

S-5 sample location on hillside

Composite S-6 sample location on hillside

S-6 sample location on hillside

S-6 sample location facing west to S-5

Composite S-7 sample location on hillside

S-7 sample location on hillside

S-7 sample location facing hillside

View of access path to MW-3 location in southeast

View of water purging activities at MW-4

Typical of initial water clarity of purged water

Typical view of MW-3 water clarity

Typical view of MW-4 water clarity

MW-3 well location

Bolin Creek sample location for downstream BC-2

View from BC-2 facing site to the northwest

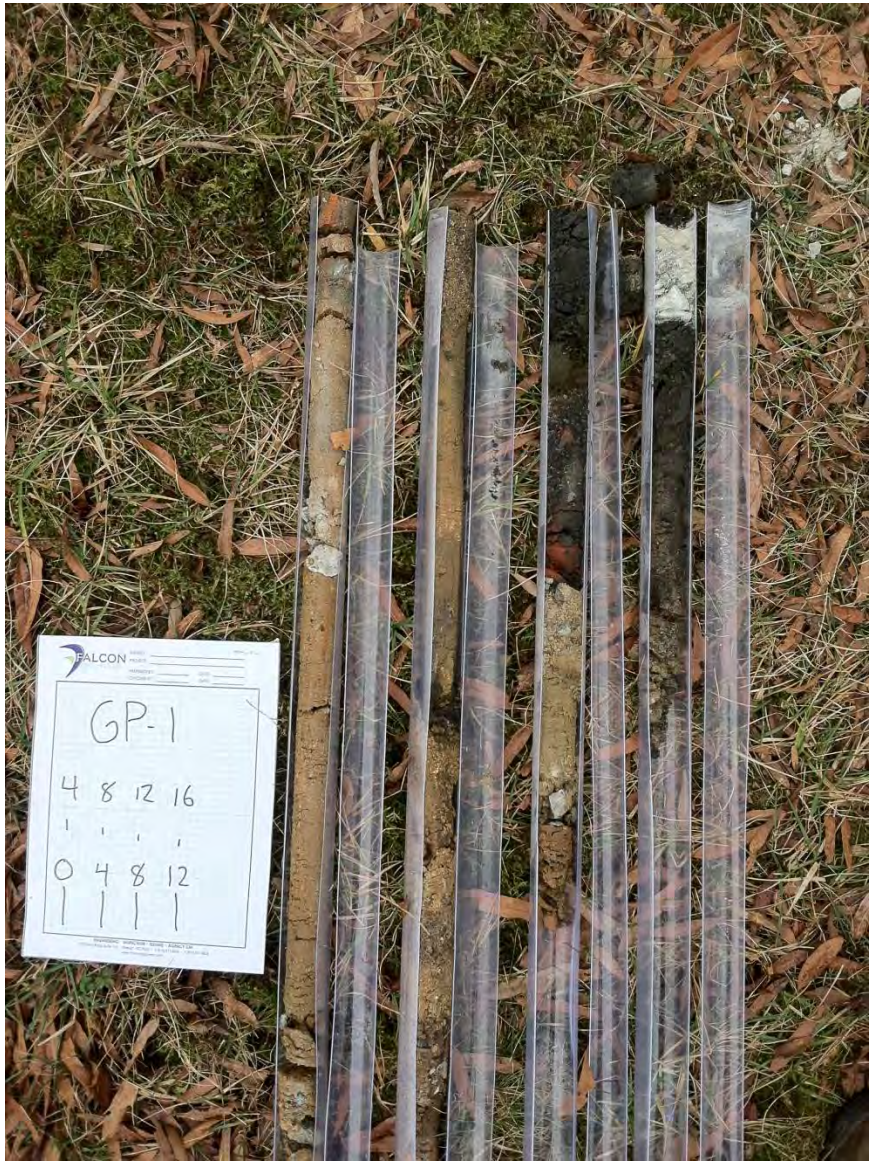
View of drainage just west of BC-2 location

View of drainage southeast of site

View towards site from drainage southeast of site

Geoprobe location 1

GP-1 Soil profile



GP-1 Soil Profile

Geoprobe location 2

Geoprobe location 2

GP-2 soil profile

GP-2 soil profile

Geoprobe location 3

GP-3 drill location

GP-3 soil profile

GP-3 soil profile

Geoprobe location 4

GP-4 drill location

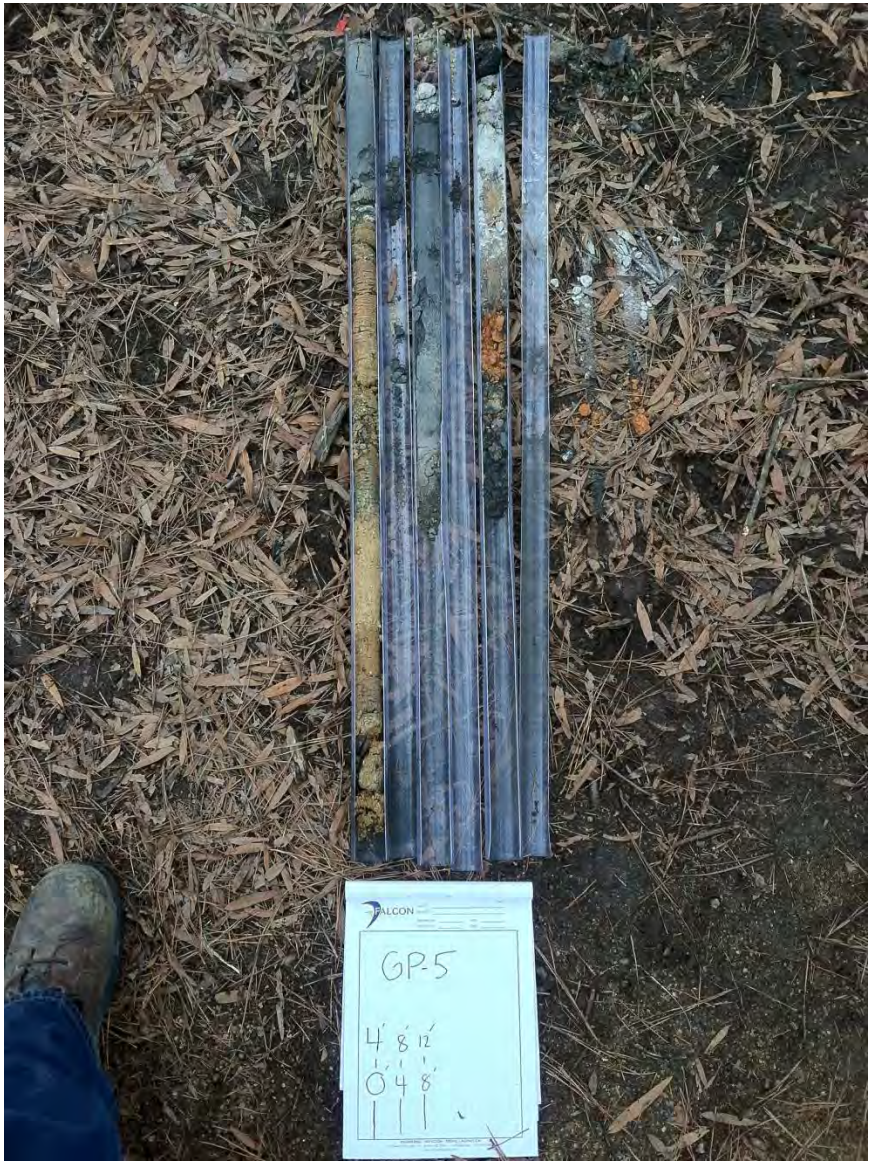
GP-4 soil profile

GP-4 soil profile

GP-5 geoprobe location

GP-5 drill location

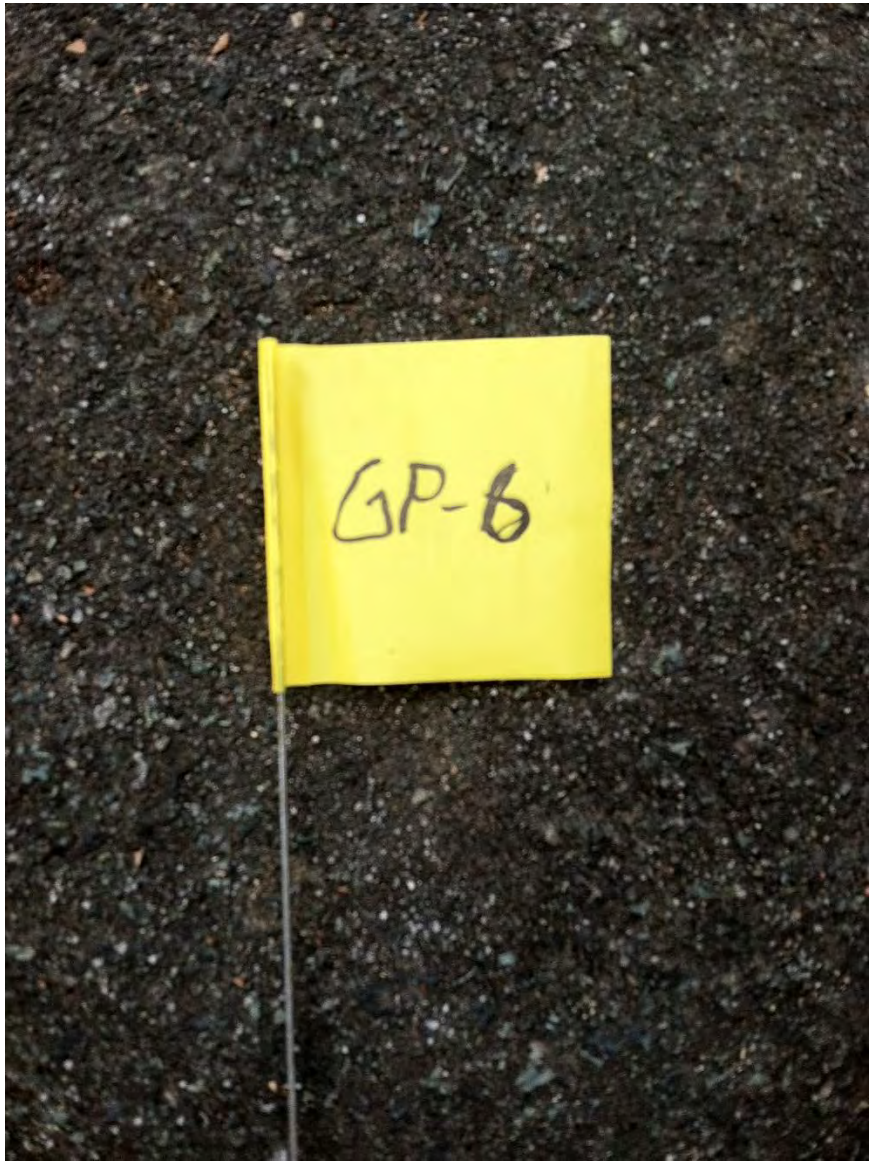
GP-5 soil profile



GP-5 soil profile

GP-5 soil profile

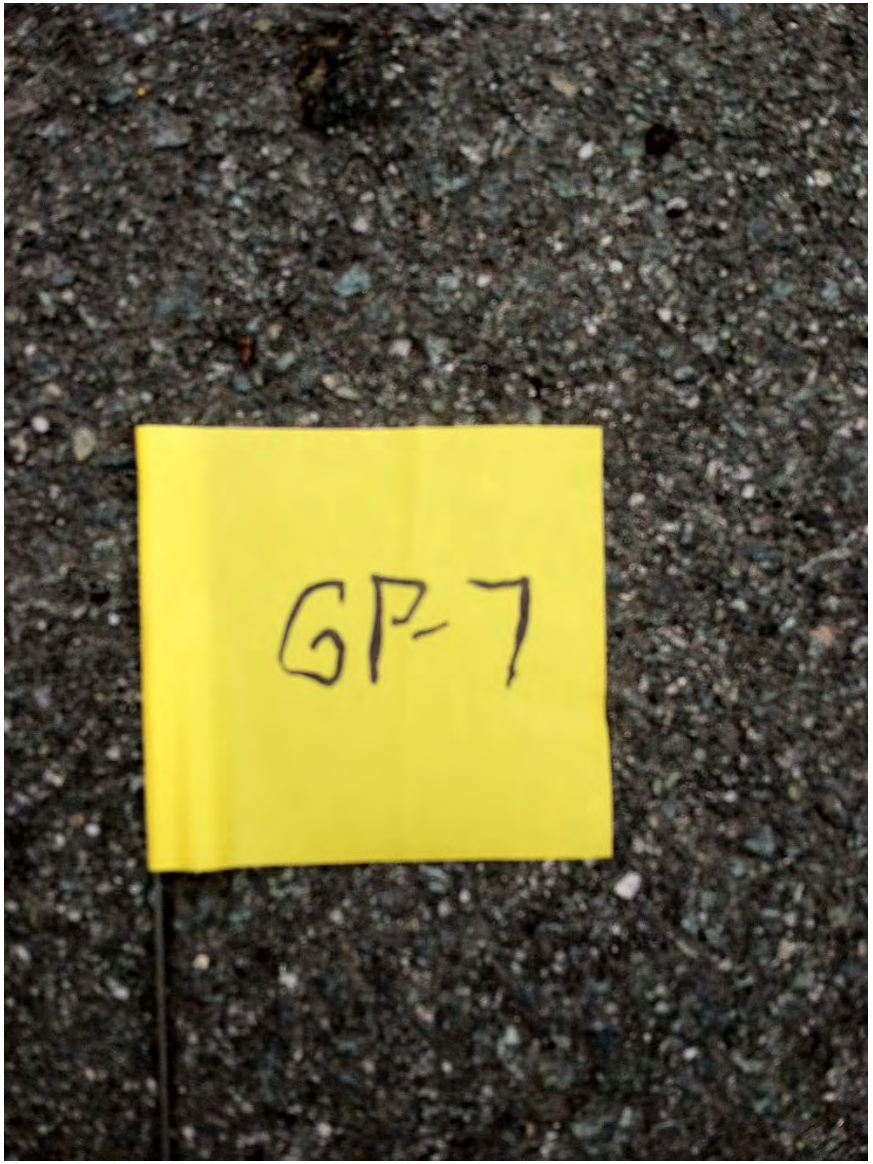
GP-5-A soil profile (shallow refusal)



GP-6 geoprobe location

GP-6 soil profile

GP-6 soil profile



GP-7 geoprobe location

GP-7 drill location

GP-7 soil profile

GP-7 soil profile

GP-8 geoprobe location

GP-8 drill location

GP-8 soil profile

GP-8 soil profile

GP-9 geoprobe location

GP-9 drill location

GP-10 geoprobe location

GP-10 drill location

GP-10 soil profile

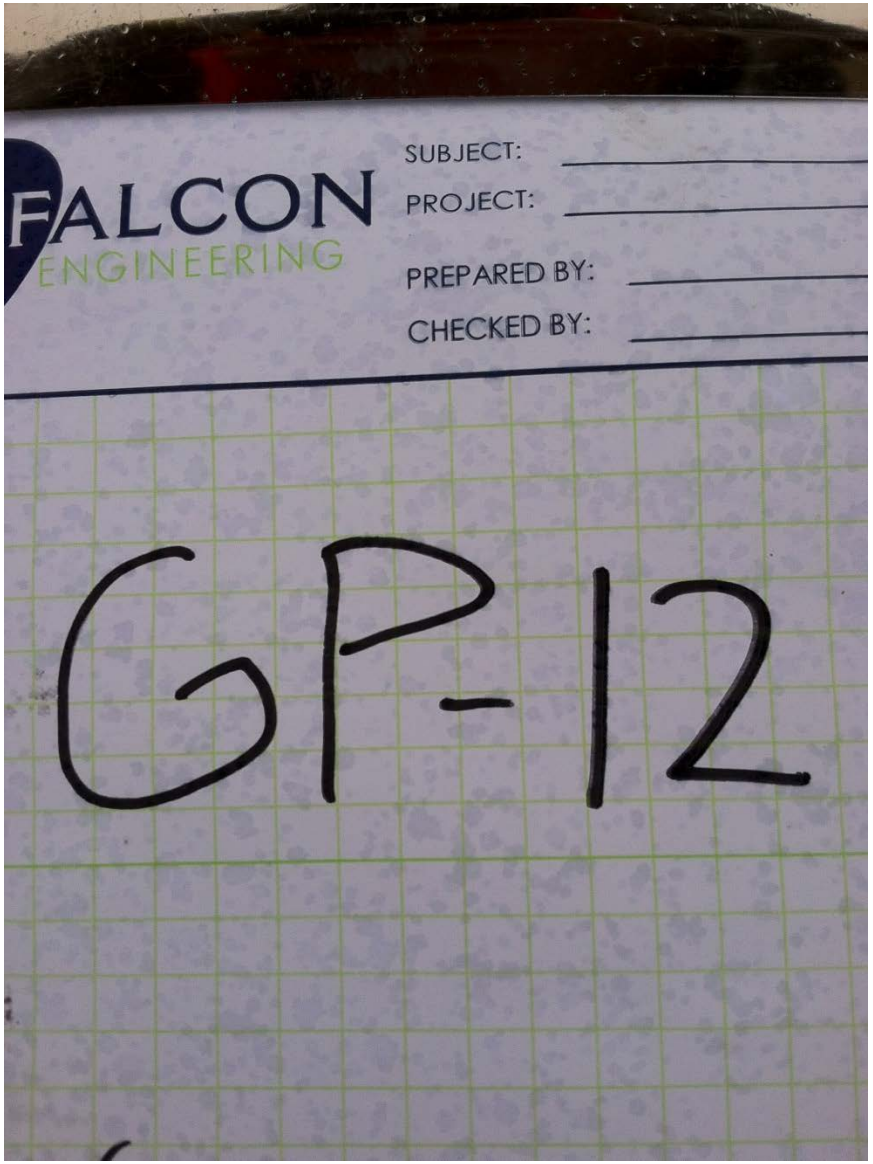
GP-10 soil profile

GP-10 soil profile

GP-11 geoprobe location

GP-11 soil profile

GP-11 soil profile



GP-12 sample

GP-12 soil profile

GP-12 soil profile

GP-12 soil profile

APPENDIX C
WELL RECORDS

NON RESIDENTIAL WELL CONSTRUCTION RECORD

MW-4

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2075

1. WELL CONTRACTOR:
Ronald Toothman
Well Contractor (Individual) Name
Trigon Exploration
Well Contractor Company Name
510 Industrial Ave
Street Address
Greensboro NC 27406
City or Town State Zip Code
(336) 553 - 1115
Area code Phone number

2. WELL INFORMATION:
WELL CONSTRUCTION PERMIT# N/A
OTHER ASSOCIATED PERMIT#(if applicable)
SITE WELL ID #(if applicable) MW-4

3. WELL USE (Check One Box) Monitoring ☒ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)
DATE DRILLED 1-27-14

4. WELL LOCATION:
828 Martin Luther King Blvd 27599
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
CITY: Chapel Hill COUNTY Orange
TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
LATITUDE 35°59'46.12941"N " DMS OR 3x.xxxxxxxxx DD
LONGITUDE 78°53'58.03641"W " DMS OR 7x.xxxxxxxxx DD
Latitude/longitude source: ☐ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)
Chapel Hill Police Department
Facility Name Facility ID# (if applicable)
828 Martin Luther King Blvd
Street Address
Chapel Hill NC 27594
City or Town State Zip Code
Contact Name
Mailing Address
City or Town State Zip Code
( ) Area code Phone number

6. WELL DETAILS:
a. **TOTAL DEPTH:** 9'2"
b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒
c. **WATER LEVEL** Below Top of Casing: 7.1 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.5 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. **YIELD (gpm):** METHOD OF TEST
f. **DISINFECTION: Type** Amount
g. **WATER ZONES** (depth):
Top Bottom Top Bottom
Top Bottom Top Bottom
Top Bottom Top Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 4'2"	Bottom 9'2" Ft.	2"	SCH 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 2'2" Ft.	Sakrete	Pour
Top	Bottom Ft.		
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 4'2"	Bottom 9'2" Ft.	2" in.	.10 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 3'2"	Bottom 9'2" Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	0.5	Top soil and some top layer ash material
0.5	9.2	Light brown silty clay into weathered rock (stream-bed)

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE: 1-27-14

Ronald Toothman
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

MW-3

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2075

1. WELL CONTRACTOR:
Ronald Toothman
Well Contractor (Individual) Name
Trigon Exploration
Well Contractor Company Name
510 Industrial Ave
Street Address
510 Industrial Ave NC 27406
City or Town State Zip Code
(336) 553-1115
Area code Phone number

2. WELL INFORMATION:
WELL CONSTRUCTION PERMIT# N/A
OTHER ASSOCIATED PERMIT#(if applicable)
SITE WELL ID #(if applicable) MW-3

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)
DATE DRILLED 1-27-14

4. WELL LOCATION:
828 Martin Luther King Blvd 27599
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
CITY: Chapel Hill COUNTY Orange
TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
LATITUDE 35°59'46.12941"N " DMS OR 3x.xxxxxxxx DD
LONGITUDE 78°53'58.03641"W OR 7x.xxxxxxxx DD
Latitude/longitude source: ☐ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)
Chapel Hill Police Department
Facility Name Facility ID# (if applicable)
828 Martin Luther King Blvd
Street Address
Chapel Hill NC 27599
City or Town State Zip Code
Contact Name
Mailing Address
City or Town State Zip Code
( ) Area code Phone number

6. WELL DETAILS:
a. **TOTAL DEPTH:** 11'
b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑
c. **WATER LEVEL** Below Top of Casing: 6.4 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.5 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. **YIELD (gpm):** METHOD OF TEST
f. **DISINFECTION: Type** Amount
g. **WATER ZONES** (depth):
Top Bottom Top Bottom
Top Bottom Top Bottom
Top Bottom Top Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top	Bottom	Ft. 2"	SCH 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 4	Ft. Sakrete	Pour
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 6	Bottom 11	Ft. 2 in.	.10 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 4	Bottom 11	Ft. #2	Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	0.3	Top soil and some top layer ash material
0.3	11	brown silty clay into weathered rock (streambed)

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE 1-27-14

Ronald Toothman
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

APPENDIX D

LABORATORY DATA

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

02/18/2014

Falcon Engineering
Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Lab Submittal Date: 01/31/2014
Prism Work Order: 4020008

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Angela D. Overcash

VP Laboratory Services

Reviewed By Angela D. Overcash

VP Laboratory Services

Data Qualifiers Key Reference:

A	Result should be considered as estimated concentration. CCV result was below established QC limits.
Aa	Surrogate recovered below established QC limits. Sample from this project selected for re-extraction for confirmational purpose. Similar results for extraction surrogates were obtained. Original results were reported. Matrix interference is suspected.
CCV	CCV result is above the control limits. Analyte not detected in the sample. No further action taken.
D	RPD value outside of the control limits.
ICV	ICV result is above the control limits. Analyte not detected in the sample. No further action taken.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
LH	High LCS recovery. Analyte not detected in the sample(s). No further action taken.
SR	Surrogate recovery outside the QC limits.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

02/18/2014

Prism Work Order: 4020008

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
S-5	4020008-01	Solid	01/31/14	01/31/14
S-6	4020008-02	Solid	01/31/14	01/31/14
S-7	4020008-03	Solid	01/31/14	01/31/14

Samples were received in good condition at 5.3 degrees C unless otherwise noted.

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Summary of Detections

02/18/2014

Prism Work Order: 4020008

Prism ID	Client ID	Parameter	Method	Result		Units
4020008-01	S-5	Hexavalent Chromium	*7196A	1.3		mg/kg dry
4020008-01	S-5	Mercury	*7471B	0.30		mg/kg dry
4020008-01	S-5	Arsenic	*6010C	37		mg/kg dry
4020008-01	S-5	Barium	*6010C	2800		mg/kg dry
4020008-01	S-5	Chromium	*6010C	21		mg/kg dry
4020008-01	S-5	Lead	*6010C	10		mg/kg dry
4020008-01	S-5	Selenium	*6010C	3.2		mg/kg dry
4020008-01	S-5	4-Isopropyltoluene	8260B	0.051		mg/kg dry
4020008-01	S-5	Acetone	8260B	0.14		mg/kg dry
4020008-02	S-6	Hexavalent Chromium	*7196A	2.7		mg/kg dry
4020008-02	S-6	Mercury	*7471B	0.42		mg/kg dry
4020008-02	S-6	Arsenic	*6010C	43		mg/kg dry
4020008-02	S-6	Barium	*6010C	3200		mg/kg dry
4020008-02	S-6	Chromium	*6010C	22		mg/kg dry
4020008-02	S-6	Lead	*6010C	12		mg/kg dry
4020008-02	S-6	Selenium	*6010C	6.1		mg/kg dry
4020008-02	S-6	Acetone	8260B	0.17		mg/kg dry
4020008-02	S-6	Methyl Ethyl Ketone (2-Butanone)	8260B	0.0086	J	mg/kg dry
4020008-03	S-7	Hexavalent Chromium	*7196A	1.4		mg/kg dry
4020008-03	S-7	Toxaphene	8081B	0.17		mg/kg dry
4020008-03	S-7	Mercury	*7471B	0.44		mg/kg dry
4020008-03	S-7	Arsenic	*6010C	44		mg/kg dry
4020008-03	S-7	Barium	*6010C	2500		mg/kg dry
4020008-03	S-7	Chromium	*6010C	29		mg/kg dry
4020008-03	S-7	Lead	*6010C	11		mg/kg dry
4020008-03	S-7	Selenium	*6010C	4.5		mg/kg dry
4020008-03	S-7	4-Isopropyltoluene	8260B	0.024		mg/kg dry
4020008-03	S-7	Acetone	8260B	0.11		mg/kg dry

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-5
Prism Sample ID: 4020008-01
Prism Work Order: 4020008
Time Collected: 01/31/14 10:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**63.1**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/3/14 15:15**	**JAB**	**P4B0021**
Hexavalent Chromium	**1.3**	**mg/kg dry**	**0.63**	**0.24**	**1**	***7196A**	**2/5/14 17:00**	**CDE**	**P4B0057**
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	mg/kg dry	0.0032	0.00074	1	8081B	2/7/14 13:32	JMV	P4B0032
4,4'-DDE	BRL	mg/kg dry	0.0032	0.00057	1	8081B	2/7/14 13:32	JMV	P4B0032
4,4'-DDT	BRL	mg/kg dry	0.0048	0.0010	1	8081B	2/7/14 13:32	JMV	P4B0032
Aldrin	BRL	mg/kg dry	0.0032	0.00073	1	8081B	2/7/14 13:32	JMV	P4B0032
alpha-BHC	BRL	mg/kg dry	0.0032	0.00045	1	8081B	2/7/14 13:32	JMV	P4B0032
cis-Chlordane	BRL	mg/kg dry	0.0032	0.00062	1	8081B	2/7/14 13:32	JMV	P4B0032
beta-BHC	BRL	mg/kg dry	0.0032	0.00061	1	8081B	2/7/14 13:32	JMV	P4B0032
Chlordane	BRL	mg/kg dry	0.079	0.0084	1	8081B	2/7/14 13:32	JMV	P4B0032
delta-BHC	BRL	mg/kg dry	0.0032	0.00049	1	8081B	2/7/14 13:32	JMV	P4B0032
Dieldrin	BRL	mg/kg dry	0.0032	0.00056	1	8081B	2/7/14 13:32	JMV	P4B0032
Endosulfan I	BRL	mg/kg dry	0.0032	0.00070	1	8081B	2/7/14 13:32	JMV	P4B0032
Endosulfan II	BRL	mg/kg dry	0.0032	0.00076	1	8081B	2/7/14 13:32	JMV	P4B0032
Endosulfan Sulfate	BRL	mg/kg dry	0.0032	0.0010	1	8081B	2/7/14 13:32	JMV	P4B0032
Endrin	BRL	mg/kg dry	0.0032	0.00070	1	8081B	2/7/14 13:32	JMV	P4B0032
Endrin Aldehyde	BRL	mg/kg dry	0.0032	0.00087	1	8081B	2/7/14 13:32	JMV	P4B0032
Endrin Ketone	BRL	mg/kg dry	0.0032	0.00079	1	8081B	2/7/14 13:32	JMV	P4B0032
gamma-BHC	BRL	mg/kg dry	0.0032	0.00061	1	8081B	2/7/14 13:32	JMV	P4B0032
trans-Chlordane	BRL	mg/kg dry	0.0032	0.00085	1	8081B	2/7/14 13:32	JMV	P4B0032
Heptachlor	BRL	mg/kg dry	0.0032	0.0010	1	8081B	2/7/14 13:32	JMV	P4B0032
Heptachlor Epoxide	BRL	mg/kg dry	0.0032	0.00088	1	8081B	2/7/14 13:32	JMV	P4B0032
Methoxychlor	BRL	mg/kg dry	0.0032	0.0018	1	8081B	2/7/14 13:32	JMV	P4B0032
Toxaphene	BRL	mg/kg dry	0.079	0.0049	1	8081B	2/7/14 13:32	JMV	P4B0032

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*136 %*	*26-204*
Tetrachloro-m-xylene	*91 %*	*40-162*

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	BRL	mg/kg dry	0.079	0.014	1	8082A	2/5/14 4:36	JMV	P4B0033
Aroclor 1221	BRL	mg/kg dry	0.16	0.063	1	8082A	2/5/14 4:36	JMV	P4B0033
Aroclor 1232	BRL	mg/kg dry	0.16	0.021	1	8082A	2/5/14 4:36	JMV	P4B0033
Aroclor 1242	BRL	mg/kg dry	0.079	0.021	1	8082A	2/5/14 4:36	JMV	P4B0033
Aroclor 1248	BRL	mg/kg dry	0.079	0.016	1	8082A	2/5/14 4:36	JMV	P4B0033
Aroclor 1254	BRL	mg/kg dry	0.079	0.020	1	8082A	2/5/14 4:36	JMV	P4B0033
Aroclor 1260	BRL	mg/kg dry	0.079	0.011	1	8082A	2/5/14 4:36	JMV	P4B0033

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*100 %*	*36-182*
Decachlorobiphenyl	*78 %*	*34-182*

Semivolatile Organic Compounds by GC/MS

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-5
Prism Sample ID: 4020008-01
Prism Work Order: 4020008
Time Collected: 01/31/14 10:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2,4-Trichlorobenzene	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
1,2-Dichlorobenzene	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
1,3-Dichlorobenzene	BRL	mg/kg dry	0.52	0.18	1	8270D	2/4/14 16:06	KC	P4B0016
1,4-Dichlorobenzene	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
1-Methylnaphthalene	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
2,4,6-Trichlorophenol	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
2,4-Dichlorophenol	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
2,4-Dimethylphenol	BRL	mg/kg dry	0.52	0.22	1	8270D	2/4/14 16:06	KC	P4B0016
2,4-Dinitrophenol	BRL	mg/kg dry	0.52	0.082	1	8270D	2/4/14 16:06	KC	P4B0016
2,4-Dinitrotoluene	BRL	mg/kg dry	0.52	0.089	1	8270D	2/4/14 16:06	KC	P4B0016
2,6-Dinitrotoluene	BRL	mg/kg dry	0.52	0.079	1	8270D	2/4/14 16:06	KC	P4B0016
2-Chloronaphthalene	BRL	mg/kg dry	0.52	0.18	1	8270D	2/4/14 16:06	KC	P4B0016
2-Chlorophenol	BRL	mg/kg dry	0.52	0.20	1	8270D	2/4/14 16:06	KC	P4B0016
2-Methylnaphthalene	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
2-Methylphenol	BRL	mg/kg dry	0.52	0.18	1	8270D	2/4/14 16:06	KC	P4B0016
2-Nitrophenol	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
3,3'-Dichlorobenzidine	BRL	mg/kg dry	0.52	0.087	1	8270D	2/4/14 16:06	KC	P4B0016
3/4-Methylphenol	BRL	mg/kg dry	0.52	0.15	1	8270D	2/4/14 16:06	KC	P4B0016
4,6-Dinitro-2-methylphenol	BRL	mg/kg dry	0.52	0.056	1	8270D	2/4/14 16:06	KC	P4B0016
4-Bromophenyl phenyl ether	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
4-Chloro-3-methylphenol	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
4-Chloroaniline	BRL	mg/kg dry	0.52	0.18	1	8270D	2/4/14 16:06	KC	P4B0016
4-Chlorophenyl phenyl ether	BRL	mg/kg dry	0.52	0.15	1	8270D	2/4/14 16:06	KC	P4B0016
4-Nitrophenol	BRL	mg/kg dry	0.52	0.065	1	8270D	2/4/14 16:06	KC	P4B0016
Acenaphthene	BRL	mg/kg dry	0.52	0.16	1	8270D	2/4/14 16:06	KC	P4B0016
Acenaphthylene	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
Anthracene	BRL	mg/kg dry	0.52	0.10	1	8270D	2/4/14 16:06	KC	P4B0016
Azobenzene	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
Benzo(a)anthracene	BRL	mg/kg dry	0.52	0.11	1	8270D	2/4/14 16:06	KC	P4B0016
Benzo(a)pyrene	BRL	mg/kg dry	0.52	0.098	1	8270D	2/4/14 16:06	KC	P4B0016
Benzo(b)fluoranthene	BRL	mg/kg dry	0.52	0.071	1	8270D	2/4/14 16:06	KC	P4B0016
Benzo(g,h,i)perylene	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
Benzo(k)fluoranthene	BRL	mg/kg dry	0.52	0.15	1	8270D	2/4/14 16:06	KC	P4B0016
Benzoic Acid	BRL	mg/kg dry	0.52	0.069	1	8270D	2/4/14 16:06	KC	P4B0016
Benzyl alcohol	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
bis(2-Chloroethoxy)methane	BRL	mg/kg dry	0.52	0.27	1	8270D	2/4/14 16:06	KC	P4B0016
Bis(2-Chloroethyl)ether	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
Bis(2-chloroisopropyl)ether	BRL	mg/kg dry	0.52	0.21	1	8270D	2/4/14 16:06	KC	P4B0016
Bis(2-Ethylhexyl)phthalate	BRL	mg/kg dry	0.52	0.10	1	8270D	2/4/14 16:06	KC	P4B0016
Butyl benzyl phthalate	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
Chrysene	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
Dibenzo(a,h)anthracene	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
Dibenzofuran	BRL	mg/kg dry	0.52	0.15	1	8270D	2/4/14 16:06	KC	P4B0016

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-5
Prism Sample ID: 4020008-01
Prism Work Order: 4020008
Time Collected: 01/31/14 10:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diethyl phthalate	BRL	mg/kg dry	0.52	0.094	1	8270D	2/4/14 16:06	KC	P4B0016
Dimethyl phthalate	BRL	mg/kg dry	0.52	0.098	1	8270D	2/4/14 16:06	KC	P4B0016
Di-n-butyl phthalate	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
Di-n-octyl phthalate	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
Fluoranthene	BRL	mg/kg dry	0.52	0.11	1	8270D	2/4/14 16:06	KC	P4B0016
Fluorene	BRL	mg/kg dry	0.52	0.12	1	8270D	2/4/14 16:06	KC	P4B0016
Hexachlorobenzene	BRL	mg/kg dry	0.52	0.087	1	8270D	2/4/14 16:06	KC	P4B0016
Hexachlorobutadiene	BRL	mg/kg dry	0.52	0.20	1	8270D	2/4/14 16:06	KC	P4B0016
Hexachlorocyclopentadiene	BRL ICV	mg/kg dry	0.52	0.16	1	8270D	2/4/14 16:06	KC	P4B0016
Hexachloroethane	BRL	mg/kg dry	0.52	0.17	1	8270D	2/4/14 16:06	KC	P4B0016
Indeno(1,2,3-cd)pyrene	BRL	mg/kg dry	0.52	0.14	1	8270D	2/4/14 16:06	KC	P4B0016
Isophorone	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
Naphthalene	BRL	mg/kg dry	0.52	0.20	1	8270D	2/4/14 16:06	KC	P4B0016
Nitrobenzene	BRL	mg/kg dry	0.52	0.18	1	8270D	2/4/14 16:06	KC	P4B0016
N-Nitroso-di-n-propylamine	BRL	mg/kg dry	0.52	0.18	1	8270D	2/4/14 16:06	KC	P4B0016
N-Nitrosodiphenylamine	BRL	mg/kg dry	0.52	0.11	1	8270D	2/4/14 16:06	KC	P4B0016
Pentachlorophenol	BRL	mg/kg dry	0.52	0.043	1	8270D	2/4/14 16:06	KC	P4B0016
Phenanthrene	BRL	mg/kg dry	0.52	0.092	1	8270D	2/4/14 16:06	KC	P4B0016
Phenol	BRL	mg/kg dry	0.52	0.19	1	8270D	2/4/14 16:06	KC	P4B0016
Pyrene	BRL	mg/kg dry	0.52	0.14	1	8270D	2/4/14 16:06	KC	P4B0016

Surrogate	Recovery	Control Limits	
2,4,6-Tribromophenol	*28 %*	*37-131*	*SR*
2-Fluorobiphenyl	*128 %*	*47-130*	
2-Fluorophenol	*18 %*	*44-117*	*SR*
Nitrobenzene-d5	*130 %*	*45-121*	*SR*
Phenol-d5	*17 %*	*37-127*	*SR*
Terphenyl-d14	*120 %*	*38-135*	

Total Metals

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Mercury	**0.30**	**mg/kg dry**	**0.032**	**0.011**	**1**	***7471B**	**2/4/14 14:20**	**MEH**	**P4B0029**
Arsenic	**37**	**mg/kg dry**	**0.40**	**0.059**	**1**	***6010C**	**2/4/14 19:18**	**BGM**	**P4B0025**
Barium	**2800**	**mg/kg dry**	**80**	**4.0**	**100**	***6010C**	**2/5/14 20:32**	**BGM**	**P4B0025**
Cadmium	BRL	mg/kg dry	0.40	0.0038	1	*6010C	2/4/14 19:18	BGM	P4B0025
Chromium	**21**	**mg/kg dry**	**0.40**	**0.13**	**1**	***6010C**	**2/4/14 19:18**	**BGM**	**P4B0025**
Lead	**10**	**mg/kg dry**	**0.40**	**0.047**	**1**	***6010C**	**2/4/14 19:18**	**BGM**	**P4B0025**
Selenium	**3.2**	**mg/kg dry**	**0.80**	**0.097**	**1**	***6010C**	**2/4/14 19:18**	**BGM**	**P4B0025**
Silver	BRL	mg/kg dry	0.40	0.0064	1	*6010C	2/4/14 19:18	BGM	P4B0025

Volatile Organic Compounds by GC/MS

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,1-Trichloroethane	BRL	mg/kg dry	0.0074	0.00024	1	8260B	2/12/14 4:28	CGP	P4B0152
1,1,2,2-Tetrachloroethane	BRL	mg/kg dry	0.0074	0.0012	1	8260B	2/12/14 4:28	CGP	P4B0152
1,1,2-Trichloroethane	BRL	mg/kg dry	0.0074	0.00062	1	8260B	2/12/14 4:28	CGP	P4B0152
1,1-Dichloroethane	BRL	mg/kg dry	0.0074	0.00062	1	8260B	2/12/14 4:28	CGP	P4B0152
1,1-Dichloroethylene	BRL	mg/kg dry	0.0074	0.00045	1	8260B	2/12/14 4:28	CGP	P4B0152

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-5
Prism Sample ID: 4020008-01
Prism Work Order: 4020008
Time Collected: 01/31/14 10:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1-Dichloropropylene	BRL	mg/kg dry	0.0074	0.00078	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2,3-Trichlorobenzene	BRL	mg/kg dry	0.0074	0.00055	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2,3-Trichloropropane	BRL	mg/kg dry	0.0074	0.0011	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2,4-Trichlorobenzene	BRL	mg/kg dry	0.0074	0.00043	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2,4-Trimethylbenzene	BRL	mg/kg dry	0.0074	0.0015	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2-Dibromoethane	BRL	mg/kg dry	0.0074	0.00085	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2-Dichlorobenzene	BRL	mg/kg dry	0.0074	0.00033	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2-Dichloroethane	BRL	mg/kg dry	0.0074	0.0012	1	8260B	2/12/14 4:28	CGP	P4B0152
1,2-Dichloropropane	BRL	mg/kg dry	0.0074	0.00047	1	8260B	2/12/14 4:28	CGP	P4B0152
1,3,5-Trimethylbenzene	BRL	mg/kg dry	0.0074	0.00035	1	8260B	2/12/14 4:28	CGP	P4B0152
1,3-Dichlorobenzene	BRL	mg/kg dry	0.0074	0.00010	1	8260B	2/12/14 4:28	CGP	P4B0152
1,3-Dichloropropane	BRL	mg/kg dry	0.0074	0.00080	1	8260B	2/12/14 4:28	CGP	P4B0152
1,4-Dichlorobenzene	BRL	mg/kg dry	0.0074	0.00054	1	8260B	2/12/14 4:28	CGP	P4B0152
2,2-Dichloropropane	BRL	mg/kg dry	0.0074	0.00047	1	8260B	2/12/14 4:28	CGP	P4B0152
2-Chlorotoluene	BRL	mg/kg dry	0.0074	0.00045	1	8260B	2/12/14 4:28	CGP	P4B0152
4-Chlorotoluene	BRL	mg/kg dry	0.0074	0.00035	1	8260B	2/12/14 4:28	CGP	P4B0152
4-Isopropyltoluene	**0.051**	**mg/kg dry**	**0.0074**	**0.00047**	**1**	**8260B**	**2/12/14 4:28**	**CGP**	**P4B0152**
Acetone	**0.14**	**mg/kg dry**	**0.074**	**0.0039**	**1**	**8260B**	**2/12/14 4:28**	**CGP**	**P4B0152**
Benzene	BRL	mg/kg dry	0.0044	0.00045	1	8260B	2/12/14 4:28	CGP	P4B0152
Bromobenzene	BRL	mg/kg dry	0.0074	0.00031	1	8260B	2/12/14 4:28	CGP	P4B0152
Bromochloromethane	BRL	mg/kg dry	0.0074	0.0011	1	8260B	2/12/14 4:28	CGP	P4B0152
Bromodichloromethane	BRL	mg/kg dry	0.0074	0.00034	1	8260B	2/12/14 4:28	CGP	P4B0152
Bromoform	BRL	mg/kg dry	0.0074	0.0013	1	8260B	2/12/14 4:28	CGP	P4B0152
Bromomethane	BRL	mg/kg dry	0.015	0.0021	1	8260B	2/12/14 4:28	CGP	P4B0152
Carbon Tetrachloride	BRL	mg/kg dry	0.0074	0.00040	1	8260B	2/12/14 4:28	CGP	P4B0152
Chlorobenzene	BRL	mg/kg dry	0.0074	0.00034	1	8260B	2/12/14 4:28	CGP	P4B0152
Chloroethane	BRL	mg/kg dry	0.015	0.0056	1	8260B	2/12/14 4:28	CGP	P4B0152
Chloroform	BRL	mg/kg dry	0.0074	0.00031	1	8260B	2/12/14 4:28	CGP	P4B0152
Chloromethane	BRL	mg/kg dry	0.0074	0.0038	1	8260B	2/12/14 4:28	CGP	P4B0152
cis-1,2-Dichloroethylene	BRL	mg/kg dry	0.0074	0.00060	1	8260B	2/12/14 4:28	CGP	P4B0152
cis-1,3-Dichloropropylene	BRL	mg/kg dry	0.0074	0.00037	1	8260B	2/12/14 4:28	CGP	P4B0152
Dibromochloromethane	BRL	mg/kg dry	0.0074	0.00050	1	8260B	2/12/14 4:28	CGP	P4B0152
Dichlorodifluoromethane	BRL	mg/kg dry	0.0074	0.00079	1	8260B	2/12/14 4:28	CGP	P4B0152
Ethylbenzene	BRL	mg/kg dry	0.0074	0.00048	1	8260B	2/12/14 4:28	CGP	P4B0152
Isopropyl Ether	BRL	mg/kg dry	0.0074	0.00032	1	8260B	2/12/14 4:28	CGP	P4B0152
Isopropylbenzene (Cumene)	BRL	mg/kg dry	0.0074	0.00037	1	8260B	2/12/14 4:28	CGP	P4B0152
m,p-Xylenes	BRL	mg/kg dry	0.015	0.00095	1	8260B	2/12/14 4:28	CGP	P4B0152
Methyl Butyl Ketone (2-Hexanone)	BRL	mg/kg dry	0.074	0.0015	1	8260B	2/12/14 4:28	CGP	P4B0152
Methyl Ethyl Ketone (2-Butanone)	BRL A	mg/kg dry	0.15	0.0026	1	8260B	2/12/14 4:28	CGP	P4B0152
Methyl Isobutyl Ketone	BRL	mg/kg dry	0.074	0.0020	1	8260B	2/12/14 4:28	CGP	P4B0152
Methylene Chloride	BRL	mg/kg dry	0.0074	0.00054	1	8260B	2/12/14 4:28	CGP	P4B0152
Methyl-tert-Butyl Ether	BRL	mg/kg dry	0.015	0.00057	1	8260B	2/12/14 4:28	CGP	P4B0152
Naphthalene	BRL	mg/kg dry	0.015	0.00054	1	8260B	2/12/14 4:28	CGP	P4B0152

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-5
Prism Sample ID: 4020008-01
Prism Work Order: 4020008
Time Collected: 01/31/14 10:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	mg/kg dry	0.0074	0.00033	1	8260B	2/12/14 4:28	CGP	P4B0152
n-Propylbenzene	BRL	mg/kg dry	0.0074	0.00042	1	8260B	2/12/14 4:28	CGP	P4B0152
o-Xylene	BRL	mg/kg dry	0.0074	0.00047	1	8260B	2/12/14 4:28	CGP	P4B0152
sec-Butylbenzene	BRL	mg/kg dry	0.0074	0.00030	1	8260B	2/12/14 4:28	CGP	P4B0152
Styrene	BRL	mg/kg dry	0.0074	0.00032	1	8260B	2/12/14 4:28	CGP	P4B0152
tert-Butylbenzene	BRL	mg/kg dry	0.0074	0.00038	1	8260B	2/12/14 4:28	CGP	P4B0152
Tetrachloroethylene	BRL	mg/kg dry	0.0074	0.00051	1	8260B	2/12/14 4:28	CGP	P4B0152
Toluene	BRL	mg/kg dry	0.0074	0.00044	1	8260B	2/12/14 4:28	CGP	P4B0152
trans-1,2-Dichloroethylene	BRL	mg/kg dry	0.0074	0.00086	1	8260B	2/12/14 4:28	CGP	P4B0152
trans-1,3-Dichloropropylene	BRL	mg/kg dry	0.0074	0.00036	1	8260B	2/12/14 4:28	CGP	P4B0152
Trichloroethylene	BRL	mg/kg dry	0.0074	0.00068	1	8260B	2/12/14 4:28	CGP	P4B0152
Trichlorofluoromethane	BRL	mg/kg dry	0.0074	0.00060	1	8260B	2/12/14 4:28	CGP	P4B0152
Vinyl acetate	BRL	mg/kg dry	0.037	0.0021	1	8260B	2/12/14 4:28	CGP	P4B0152
Vinyl chloride	BRL	mg/kg dry	0.0074	0.00096	1	8260B	2/12/14 4:28	CGP	P4B0152
Xylenes, total	BRL	mg/kg dry	0.022	0.0014	1	8260B	2/12/14 4:28	CGP	P4B0152

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*168 %*	*70-130*	*SR*
Dibromofluoromethane	*105 %*	*84-123*	
Toluene-d8	*90 %*	*76-129*	

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-6
Prism Sample ID: 4020008-02
Prism Work Order: 4020008
Time Collected: 01/31/14 10:30
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**60.1**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/3/14 15:15**	**JAB**	**P4B0021**
Hexavalent Chromium	**2.7**	**mg/kg dry**	**0.67**	**0.26**	**1**	***7196A**	**2/5/14 17:00**	**CDE**	**P4B0057**
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	mg/kg dry	0.0033	0.00077	1	8081B	2/7/14 14:14	JMV	P4B0032
4,4'-DDE	BRL	mg/kg dry	0.0033	0.00060	1	8081B	2/7/14 14:14	JMV	P4B0032
4,4'-DDT	BRL	mg/kg dry	0.0050	0.0010	1	8081B	2/7/14 14:14	JMV	P4B0032
Aldrin	BRL	mg/kg dry	0.0033	0.00077	1	8081B	2/7/14 14:14	JMV	P4B0032
alpha-BHC	BRL	mg/kg dry	0.0033	0.00047	1	8081B	2/7/14 14:14	JMV	P4B0032
cis-Chlordane	BRL	mg/kg dry	0.0033	0.00065	1	8081B	2/7/14 14:14	JMV	P4B0032
beta-BHC	BRL	mg/kg dry	0.0033	0.00064	1	8081B	2/7/14 14:14	JMV	P4B0032
Chlordane	BRL	mg/kg dry	0.083	0.0088	1	8081B	2/7/14 14:14	JMV	P4B0032
delta-BHC	BRL	mg/kg dry	0.0033	0.00052	1	8081B	2/7/14 14:14	JMV	P4B0032
Dieldrin	BRL	mg/kg dry	0.0033	0.00059	1	8081B	2/7/14 14:14	JMV	P4B0032
Endosulfan I	BRL	mg/kg dry	0.0033	0.00073	1	8081B	2/7/14 14:14	JMV	P4B0032
Endosulfan II	BRL	mg/kg dry	0.0033	0.00080	1	8081B	2/7/14 14:14	JMV	P4B0032
Endosulfan Sulfate	BRL	mg/kg dry	0.0033	0.0011	1	8081B	2/7/14 14:14	JMV	P4B0032
Endrin	BRL	mg/kg dry	0.0033	0.00074	1	8081B	2/7/14 14:14	JMV	P4B0032
Endrin Aldehyde	BRL	mg/kg dry	0.0033	0.00091	1	8081B	2/7/14 14:14	JMV	P4B0032
Endrin Ketone	BRL	mg/kg dry	0.0033	0.00082	1	8081B	2/7/14 14:14	JMV	P4B0032
gamma-BHC	BRL	mg/kg dry	0.0033	0.00064	1	8081B	2/7/14 14:14	JMV	P4B0032
trans-Chlordane	BRL	mg/kg dry	0.0033	0.00089	1	8081B	2/7/14 14:14	JMV	P4B0032
Heptachlor	BRL	mg/kg dry	0.0033	0.0011	1	8081B	2/7/14 14:14	JMV	P4B0032
Heptachlor Epoxide	BRL	mg/kg dry	0.0033	0.00093	1	8081B	2/7/14 14:14	JMV	P4B0032
Methoxychlor	BRL	mg/kg dry	0.0033	0.0019	1	8081B	2/7/14 14:14	JMV	P4B0032
Toxaphene	BRL	mg/kg dry	0.083	0.0051	1	8081B	2/7/14 14:14	JMV	P4B0032

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*134 %*	*26-204*
Tetrachloro-m-xylene	*84 %*	*40-162*

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	BRL	mg/kg dry	0.083	0.015	1	8082A	2/5/14 5:19	JMV	P4B0033
Aroclor 1221	BRL	mg/kg dry	0.17	0.066	1	8082A	2/5/14 5:19	JMV	P4B0033
Aroclor 1232	BRL	mg/kg dry	0.17	0.022	1	8082A	2/5/14 5:19	JMV	P4B0033
Aroclor 1242	BRL	mg/kg dry	0.083	0.022	1	8082A	2/5/14 5:19	JMV	P4B0033
Aroclor 1248	BRL	mg/kg dry	0.083	0.017	1	8082A	2/5/14 5:19	JMV	P4B0033
Aroclor 1254	BRL	mg/kg dry	0.083	0.021	1	8082A	2/5/14 5:19	JMV	P4B0033
Aroclor 1260	BRL	mg/kg dry	0.083	0.011	1	8082A	2/5/14 5:19	JMV	P4B0033

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*99 %*	*36-182*
Decachlorobiphenyl	*77 %*	*34-182*

Semivolatile Organic Compounds by GC/MS

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-6
Prism Sample ID: 4020008-02
Prism Work Order: 4020008
Time Collected: 01/31/14 10:30
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2,4-Trichlorobenzene	BRL	mg/kg dry	0.55	0.20	1	8270D	2/4/14 16:28	KC	P4B0016
1,2-Dichlorobenzene	BRL	mg/kg dry	0.55	0.18	1	8270D	2/4/14 16:28	KC	P4B0016
1,3-Dichlorobenzene	BRL	mg/kg dry	0.55	0.18	1	8270D	2/4/14 16:28	KC	P4B0016
1,4-Dichlorobenzene	BRL	mg/kg dry	0.55	0.17	1	8270D	2/4/14 16:28	KC	P4B0016
1-Methylnaphthalene	BRL	mg/kg dry	0.55	0.13	1	8270D	2/4/14 16:28	KC	P4B0016
2,4,6-Trichlorophenol	BRL	mg/kg dry	0.55	0.18	1	8270D	2/4/14 16:28	KC	P4B0016
2,4-Dichlorophenol	BRL	mg/kg dry	0.55	0.19	1	8270D	2/4/14 16:28	KC	P4B0016
2,4-Dimethylphenol	BRL	mg/kg dry	0.55	0.23	1	8270D	2/4/14 16:28	KC	P4B0016
2,4-Dinitrophenol	BRL	mg/kg dry	0.55	0.086	1	8270D	2/4/14 16:28	KC	P4B0016
2,4-Dinitrotoluene	BRL	mg/kg dry	0.55	0.094	1	8270D	2/4/14 16:28	KC	P4B0016
2,6-Dinitrotoluene	BRL	mg/kg dry	0.55	0.083	1	8270D	2/4/14 16:28	KC	P4B0016
2-Chloronaphthalene	BRL	mg/kg dry	0.55	0.19	1	8270D	2/4/14 16:28	KC	P4B0016
2-Chlorophenol	BRL	mg/kg dry	0.55	0.21	1	8270D	2/4/14 16:28	KC	P4B0016
2-Methylnaphthalene	BRL	mg/kg dry	0.55	0.20	1	8270D	2/4/14 16:28	KC	P4B0016
2-Methylphenol	BRL	mg/kg dry	0.55	0.19	1	8270D	2/4/14 16:28	KC	P4B0016
2-Nitrophenol	BRL	mg/kg dry	0.55	0.20	1	8270D	2/4/14 16:28	KC	P4B0016
3,3'-Dichlorobenzidine	BRL	mg/kg dry	0.55	0.092	1	8270D	2/4/14 16:28	KC	P4B0016
3/4-Methylphenol	BRL	mg/kg dry	0.55	0.15	1	8270D	2/4/14 16:28	KC	P4B0016
4,6-Dinitro-2-methylphenol	BRL	mg/kg dry	0.55	0.059	1	8270D	2/4/14 16:28	KC	P4B0016
4-Bromophenyl phenyl ether	BRL	mg/kg dry	0.55	0.12	1	8270D	2/4/14 16:28	KC	P4B0016
4-Chloro-3-methylphenol	BRL	mg/kg dry	0.55	0.19	1	8270D	2/4/14 16:28	KC	P4B0016
4-Chloroaniline	BRL	mg/kg dry	0.55	0.19	1	8270D	2/4/14 16:28	KC	P4B0016
4-Chlorophenyl phenyl ether	BRL	mg/kg dry	0.55	0.16	1	8270D	2/4/14 16:28	KC	P4B0016
4-Nitrophenol	BRL	mg/kg dry	0.55	0.068	1	8270D	2/4/14 16:28	KC	P4B0016
Acenaphthene	BRL	mg/kg dry	0.55	0.17	1	8270D	2/4/14 16:28	KC	P4B0016
Acenaphthylene	BRL	mg/kg dry	0.55	0.17	1	8270D	2/4/14 16:28	KC	P4B0016
Anthracene	BRL	mg/kg dry	0.55	0.11	1	8270D	2/4/14 16:28	KC	P4B0016
Azobenzene	BRL	mg/kg dry	0.55	0.13	1	8270D	2/4/14 16:28	KC	P4B0016
Benzo(a)anthracene	BRL	mg/kg dry	0.55	0.11	1	8270D	2/4/14 16:28	KC	P4B0016
Benzo(a)pyrene	BRL	mg/kg dry	0.55	0.10	1	8270D	2/4/14 16:28	KC	P4B0016
Benzo(b)fluoranthene	BRL	mg/kg dry	0.55	0.075	1	8270D	2/4/14 16:28	KC	P4B0016
Benzo(g,h,i)perylene	BRL	mg/kg dry	0.55	0.17	1	8270D	2/4/14 16:28	KC	P4B0016
Benzo(k)fluoranthene	BRL	mg/kg dry	0.55	0.16	1	8270D	2/4/14 16:28	KC	P4B0016
Benzoic Acid	BRL	mg/kg dry	0.55	0.073	1	8270D	2/4/14 16:28	KC	P4B0016
Benzyl alcohol	BRL	mg/kg dry	0.55	0.18	1	8270D	2/4/14 16:28	KC	P4B0016
bis(2-Chloroethoxy)methane	BRL	mg/kg dry	0.55	0.28	1	8270D	2/4/14 16:28	KC	P4B0016
Bis(2-Chloroethyl)ether	BRL	mg/kg dry	0.55	0.20	1	8270D	2/4/14 16:28	KC	P4B0016
Bis(2-chloroisopropyl)ether	BRL	mg/kg dry	0.55	0.22	1	8270D	2/4/14 16:28	KC	P4B0016
Bis(2-Ethylhexyl)phthalate	BRL	mg/kg dry	0.55	0.11	1	8270D	2/4/14 16:28	KC	P4B0016
Butyl benzyl phthalate	BRL	mg/kg dry	0.55	0.12	1	8270D	2/4/14 16:28	KC	P4B0016
Chrysene	BRL	mg/kg dry	0.55	0.12	1	8270D	2/4/14 16:28	KC	P4B0016
Dibenzo(a,h)anthracene	BRL	mg/kg dry	0.55	0.18	1	8270D	2/4/14 16:28	KC	P4B0016
Dibenzofuran	BRL	mg/kg dry	0.55	0.15	1	8270D	2/4/14 16:28	KC	P4B0016

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-6
Prism Sample ID: 4020008-02
Prism Work Order: 4020008
Time Collected: 01/31/14 10:30
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diethyl phthalate	BRL	mg/kg dry	0.55	0.099	1	8270D	2/4/14 16:28	KC	P4B0016
Dimethyl phthalate	BRL	mg/kg dry	0.55	0.10	1	8270D	2/4/14 16:28	KC	P4B0016
Di-n-butyl phthalate	BRL	mg/kg dry	0.55	0.13	1	8270D	2/4/14 16:28	KC	P4B0016
Di-n-octyl phthalate	BRL	mg/kg dry	0.55	0.12	1	8270D	2/4/14 16:28	KC	P4B0016
Fluoranthene	BRL	mg/kg dry	0.55	0.12	1	8270D	2/4/14 16:28	KC	P4B0016
Fluorene	BRL	mg/kg dry	0.55	0.13	1	8270D	2/4/14 16:28	KC	P4B0016
Hexachlorobenzene	BRL	mg/kg dry	0.55	0.092	1	8270D	2/4/14 16:28	KC	P4B0016
Hexachlorobutadiene	BRL	mg/kg dry	0.55	0.21	1	8270D	2/4/14 16:28	KC	P4B0016
Hexachlorocyclopentadiene	BRL ICV	mg/kg dry	0.55	0.17	1	8270D	2/4/14 16:28	KC	P4B0016
Hexachloroethane	BRL	mg/kg dry	0.55	0.18	1	8270D	2/4/14 16:28	KC	P4B0016
Indeno(1,2,3-cd)pyrene	BRL	mg/kg dry	0.55	0.15	1	8270D	2/4/14 16:28	KC	P4B0016
Isophorone	BRL	mg/kg dry	0.55	0.20	1	8270D	2/4/14 16:28	KC	P4B0016
Naphthalene	BRL	mg/kg dry	0.55	0.21	1	8270D	2/4/14 16:28	KC	P4B0016
Nitrobenzene	BRL	mg/kg dry	0.55	0.18	1	8270D	2/4/14 16:28	KC	P4B0016
N-Nitroso-di-n-propylamine	BRL	mg/kg dry	0.55	0.19	1	8270D	2/4/14 16:28	KC	P4B0016
N-Nitrosodiphenylamine	BRL	mg/kg dry	0.55	0.11	1	8270D	2/4/14 16:28	KC	P4B0016
Pentachlorophenol	BRL	mg/kg dry	0.55	0.045	1	8270D	2/4/14 16:28	KC	P4B0016
Phenanthrene	BRL	mg/kg dry	0.55	0.097	1	8270D	2/4/14 16:28	KC	P4B0016
Phenol	BRL	mg/kg dry	0.55	0.20	1	8270D	2/4/14 16:28	KC	P4B0016
Pyrene	BRL	mg/kg dry	0.55	0.15	1	8270D	2/4/14 16:28	KC	P4B0016

Surrogate	Recovery	Control Limits	
2,4,6-Tribromophenol	*9 %*	*37-131*	*Aa*
2-Fluorobiphenyl	*80 %*	*47-130*	
2-Fluorophenol	*10 %*	*44-117*	*Aa*
Nitrobenzene-d5	*83 %*	*45-121*	
Phenol-d5	*6 %*	*37-127*	*Aa*
Terphenyl-d14	*74 %*	*38-135*	

Total Metals

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Mercury	**0.42**	**mg/kg dry**	**0.036**	**0.012**	**1**	***7471B**	**2/4/14 14:25**	**MEH**	**P4B0029**
Arsenic	**43**	**mg/kg dry**	**0.42**	**0.062**	**1**	***6010C**	**2/4/14 19:26**	**BGM**	**P4B0025**
Barium	**3200**	**mg/kg dry**	**84**	**4.2**	**100**	***6010C**	**2/5/14 20:37**	**BGM**	**P4B0025**
Cadmium	BRL	mg/kg dry	0.42	0.0040	1	*6010C	2/4/14 19:26	BGM	P4B0025
Chromium	**22**	**mg/kg dry**	**0.42**	**0.14**	**1**	***6010C**	**2/4/14 19:26**	**BGM**	**P4B0025**
Lead	**12**	**mg/kg dry**	**0.42**	**0.049**	**1**	***6010C**	**2/4/14 19:26**	**BGM**	**P4B0025**
Selenium	**6.1**	**mg/kg dry**	**0.84**	**0.10**	**1**	***6010C**	**2/4/14 19:26**	**BGM**	**P4B0025**
Silver	BRL	mg/kg dry	0.42	0.0068	1	*6010C	2/4/14 19:26	BGM	P4B0025

Volatile Organic Compounds by GC/MS

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,1-Trichloroethane	BRL	mg/kg dry	0.0086	0.00028	1	8260B	2/12/14 23:04	MSC	P4B0223
1,1,2,2-Tetrachloroethane	BRL CCV	mg/kg dry	0.0086	0.0014	1	8260B	2/12/14 23:04	MSC	P4B0223
1,1,2-Trichloroethane	BRL	mg/kg dry	0.0086	0.00073	1	8260B	2/12/14 23:04	MSC	P4B0223
1,1-Dichloroethane	BRL	mg/kg dry	0.0086	0.00073	1	8260B	2/12/14 23:04	MSC	P4B0223
1,1-Dichloroethylene	BRL	mg/kg dry	0.0086	0.00052	1	8260B	2/12/14 23:04	MSC	P4B0223

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-6
Prism Sample ID: 4020008-02
Prism Work Order: 4020008
Time Collected: 01/31/14 10:30
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1-Dichloropropylene	BRL	mg/kg dry	0.0086	0.00091	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2,3-Trichlorobenzene	BRL	mg/kg dry	0.0086	0.00064	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2,3-Trichloropropane	BRL CCV	mg/kg dry	0.0086	0.0013	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2,4-Trichlorobenzene	BRL CCV	mg/kg dry	0.0086	0.00051	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2,4-Trimethylbenzene	BRL	mg/kg dry	0.0086	0.0017	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2-Dibromoethane	BRL	mg/kg dry	0.0086	0.00099	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2-Dichlorobenzene	BRL	mg/kg dry	0.0086	0.00039	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2-Dichloroethane	BRL	mg/kg dry	0.0086	0.0014	1	8260B	2/12/14 23:04	MSC	P4B0223
1,2-Dichloropropane	BRL	mg/kg dry	0.0086	0.00055	1	8260B	2/12/14 23:04	MSC	P4B0223
1,3,5-Trimethylbenzene	BRL CCV	mg/kg dry	0.0086	0.00041	1	8260B	2/12/14 23:04	MSC	P4B0223
1,3-Dichlorobenzene	BRL	mg/kg dry	0.0086	0.00012	1	8260B	2/12/14 23:04	MSC	P4B0223
1,3-Dichloropropane	BRL	mg/kg dry	0.0086	0.00093	1	8260B	2/12/14 23:04	MSC	P4B0223
1,4-Dichlorobenzene	BRL	mg/kg dry	0.0086	0.00063	1	8260B	2/12/14 23:04	MSC	P4B0223
2,2-Dichloropropane	BRL	mg/kg dry	0.0086	0.00054	1	8260B	2/12/14 23:04	MSC	P4B0223
2-Chlorotoluene	BRL CCV	mg/kg dry	0.0086	0.00053	1	8260B	2/12/14 23:04	MSC	P4B0223
4-Chlorotoluene	BRL	mg/kg dry	0.0086	0.00040	1	8260B	2/12/14 23:04	MSC	P4B0223
4-Isopropyltoluene	BRL	mg/kg dry	0.0086	0.00055	1	8260B	2/12/14 23:04	MSC	P4B0223
Acetone	**0.17**	**mg/kg dry**	**0.086**	**0.0046**	**1**	**8260B**	**2/12/14 23:04**	**MSC**	**P4B0223**
Benzene	BRL	mg/kg dry	0.0052	0.00052	1	8260B	2/12/14 23:04	MSC	P4B0223
Bromobenzene	BRL CCV	mg/kg dry	0.0086	0.00037	1	8260B	2/12/14 23:04	MSC	P4B0223
Bromochloromethane	BRL	mg/kg dry	0.0086	0.0013	1	8260B	2/12/14 23:04	MSC	P4B0223
Bromodichloromethane	BRL	mg/kg dry	0.0086	0.00040	1	8260B	2/12/14 23:04	MSC	P4B0223
Bromoform	BRL	mg/kg dry	0.0086	0.0015	1	8260B	2/12/14 23:04	MSC	P4B0223
Bromomethane	BRL	mg/kg dry	0.017	0.0024	1	8260B	2/12/14 23:04	MSC	P4B0223
Carbon Tetrachloride	BRL	mg/kg dry	0.0086	0.00047	1	8260B	2/12/14 23:04	MSC	P4B0223
Chlorobenzene	BRL	mg/kg dry	0.0086	0.00040	1	8260B	2/12/14 23:04	MSC	P4B0223
Chloroethane	BRL	mg/kg dry	0.017	0.0065	1	8260B	2/12/14 23:04	MSC	P4B0223
Chloroform	BRL	mg/kg dry	0.0086	0.00036	1	8260B	2/12/14 23:04	MSC	P4B0223
Chloromethane	BRL	mg/kg dry	0.0086	0.0044	1	8260B	2/12/14 23:04	MSC	P4B0223
cis-1,2-Dichloroethylene	BRL	mg/kg dry	0.0086	0.00070	1	8260B	2/12/14 23:04	MSC	P4B0223
cis-1,3-Dichloropropylene	BRL	mg/kg dry	0.0086	0.00043	1	8260B	2/12/14 23:04	MSC	P4B0223
Dibromochloromethane	BRL	mg/kg dry	0.0086	0.00059	1	8260B	2/12/14 23:04	MSC	P4B0223
Dichlorodifluoromethane	BRL	mg/kg dry	0.0086	0.00092	1	8260B	2/12/14 23:04	MSC	P4B0223
Ethylbenzene	BRL	mg/kg dry	0.0086	0.00055	1	8260B	2/12/14 23:04	MSC	P4B0223
Isopropyl Ether	BRL	mg/kg dry	0.0086	0.00037	1	8260B	2/12/14 23:04	MSC	P4B0223
Isopropylbenzene (Cumene)	BRL CCV	mg/kg dry	0.0086	0.00043	1	8260B	2/12/14 23:04	MSC	P4B0223
m,p-Xylenes	BRL	mg/kg dry	0.017	0.0011	1	8260B	2/12/14 23:04	MSC	P4B0223
Methyl Butyl Ketone (2-Hexanone)	BRL	mg/kg dry	0.086	0.0018	1	8260B	2/12/14 23:04	MSC	P4B0223
Methyl Ethyl Ketone (2-Butanone)	**0.0086 J**	**mg/kg dry**	**0.17**	**0.0031**	**1**	**8260B**	**2/12/14 23:04**	**MSC**	**P4B0223**
Methyl Isobutyl Ketone	BRL	mg/kg dry	0.086	0.0023	1	8260B	2/12/14 23:04	MSC	P4B0223
Methylene Chloride	BRL	mg/kg dry	0.0086	0.00063	1	8260B	2/12/14 23:04	MSC	P4B0223
Methyl-tert-Butyl Ether	BRL	mg/kg dry	0.017	0.00066	1	8260B	2/12/14 23:04	MSC	P4B0223
Naphthalene	BRL	mg/kg dry	0.017	0.00063	1	8260B	2/12/14 23:04	MSC	P4B0223

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Falcon Engineering
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Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-6
Prism Sample ID: 4020008-02
Prism Work Order: 4020008
Time Collected: 01/31/14 10:30
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	mg/kg dry	0.0086	0.00038	1	8260B	2/12/14 23:04	MSC	P4B0223
n-Propylbenzene	BRL	mg/kg dry	0.0086	0.00049	1	8260B	2/12/14 23:04	MSC	P4B0223
o-Xylene	BRL	mg/kg dry	0.0086	0.00055	1	8260B	2/12/14 23:04	MSC	P4B0223
sec-Butylbenzene	BRL CCV	mg/kg dry	0.0086	0.00035	1	8260B	2/12/14 23:04	MSC	P4B0223
Styrene	BRL	mg/kg dry	0.0086	0.00038	1	8260B	2/12/14 23:04	MSC	P4B0223
tert-Butylbenzene	BRL CCV	mg/kg dry	0.0086	0.00045	1	8260B	2/12/14 23:04	MSC	P4B0223
Tetrachloroethylene	BRL	mg/kg dry	0.0086	0.00060	1	8260B	2/12/14 23:04	MSC	P4B0223
Toluene	BRL	mg/kg dry	0.0086	0.00051	1	8260B	2/12/14 23:04	MSC	P4B0223
trans-1,2-Dichloroethylene	BRL	mg/kg dry	0.0086	0.0010	1	8260B	2/12/14 23:04	MSC	P4B0223
trans-1,3-Dichloropropylene	BRL	mg/kg dry	0.0086	0.00042	1	8260B	2/12/14 23:04	MSC	P4B0223
Trichloroethylene	BRL	mg/kg dry	0.0086	0.00080	1	8260B	2/12/14 23:04	MSC	P4B0223
Trichlorofluoromethane	BRL	mg/kg dry	0.0086	0.00070	1	8260B	2/12/14 23:04	MSC	P4B0223
Vinyl acetate	BRL	mg/kg dry	0.043	0.0024	1	8260B	2/12/14 23:04	MSC	P4B0223
Vinyl chloride	BRL	mg/kg dry	0.0086	0.0011	1	8260B	2/12/14 23:04	MSC	P4B0223
Xylenes, total	BRL	mg/kg dry	0.026	0.0016	1	8260B	2/12/14 23:04	MSC	P4B0223

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*83 %*	*70-130*
Dibromofluoromethane	*116 %*	*84-123*
Toluene-d8	*122 %*	*76-129*

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-7
Prism Sample ID: 4020008-03
Prism Work Order: 4020008
Time Collected: 01/31/14 11:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**61.1**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/3/14 15:15**	**JAB**	**P4B0021**
Hexavalent Chromium	**1.4**	**mg/kg dry**	**0.65**	**0.25**	**1**	***7196A**	**2/5/14 17:00**	**CDE**	**P4B0057**
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	mg/kg dry	0.0033	0.00076	1	8081B	2/7/14 14:57	JMV	P4B0032
4,4'-DDE	BRL	mg/kg dry	0.0033	0.00059	1	8081B	2/7/14 14:57	JMV	P4B0032
4,4'-DDT	BRL	mg/kg dry	0.0049	0.0010	1	8081B	2/7/14 14:57	JMV	P4B0032
Aldrin	BRL	mg/kg dry	0.0033	0.00075	1	8081B	2/7/14 14:57	JMV	P4B0032
alpha-BHC	BRL	mg/kg dry	0.0033	0.00046	1	8081B	2/7/14 14:57	JMV	P4B0032
cis-Chlordane	BRL	mg/kg dry	0.0033	0.00064	1	8081B	2/7/14 14:57	JMV	P4B0032
beta-BHC	BRL	mg/kg dry	0.0033	0.00063	1	8081B	2/7/14 14:57	JMV	P4B0032
Chlordane	BRL	mg/kg dry	0.082	0.0086	1	8081B	2/7/14 14:57	JMV	P4B0032
delta-BHC	BRL	mg/kg dry	0.0033	0.00051	1	8081B	2/7/14 14:57	JMV	P4B0032
Dieldrin	BRL	mg/kg dry	0.0033	0.00058	1	8081B	2/7/14 14:57	JMV	P4B0032
Endosulfan I	BRL	mg/kg dry	0.0033	0.00072	1	8081B	2/7/14 14:57	JMV	P4B0032
Endosulfan II	BRL	mg/kg dry	0.0033	0.00078	1	8081B	2/7/14 14:57	JMV	P4B0032
Endosulfan Sulfate	BRL	mg/kg dry	0.0033	0.0011	1	8081B	2/7/14 14:57	JMV	P4B0032
Endrin	BRL	mg/kg dry	0.0033	0.00073	1	8081B	2/7/14 14:57	JMV	P4B0032
Endrin Aldehyde	BRL	mg/kg dry	0.0033	0.00089	1	8081B	2/7/14 14:57	JMV	P4B0032
Endrin Ketone	BRL	mg/kg dry	0.0033	0.00081	1	8081B	2/7/14 14:57	JMV	P4B0032
gamma-BHC	BRL	mg/kg dry	0.0033	0.00063	1	8081B	2/7/14 14:57	JMV	P4B0032
trans-Chlordane	BRL	mg/kg dry	0.0033	0.00088	1	8081B	2/7/14 14:57	JMV	P4B0032
Heptachlor	BRL	mg/kg dry	0.0033	0.0010	1	8081B	2/7/14 14:57	JMV	P4B0032
Heptachlor Epoxide	BRL	mg/kg dry	0.0033	0.00091	1	8081B	2/7/14 14:57	JMV	P4B0032
Methoxychlor	BRL	mg/kg dry	0.0033	0.0019	1	8081B	2/7/14 14:57	JMV	P4B0032
Toxaphene	**0.17**	**mg/kg dry**	**0.082**	**0.0051**	**1**	**8081B**	**2/7/14 14:57**	**JMV**	**P4B0032**

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*127 %*	*26-204*
Tetrachloro-m-xylene	*80 %*	*40-162*

Polychlorinated Biphenyls (PCBs) by GC/ECD									
Aroclor 1016	BRL	mg/kg dry	0.082	0.015	1	8082A	2/5/14 6:03	JMV	P4B0033
Aroclor 1221	BRL	mg/kg dry	0.16	0.065	1	8082A	2/5/14 6:03	JMV	P4B0033
Aroclor 1232	BRL	mg/kg dry	0.16	0.021	1	8082A	2/5/14 6:03	JMV	P4B0033
Aroclor 1242	BRL	mg/kg dry	0.082	0.022	1	8082A	2/5/14 6:03	JMV	P4B0033
Aroclor 1248	BRL	mg/kg dry	0.082	0.016	1	8082A	2/5/14 6:03	JMV	P4B0033
Aroclor 1254	BRL	mg/kg dry	0.082	0.020	1	8082A	2/5/14 6:03	JMV	P4B0033
Aroclor 1260	BRL	mg/kg dry	0.082	0.011	1	8082A	2/5/14 6:03	JMV	P4B0033

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*96 %*	*36-182*
Decachlorobiphenyl	*72 %*	*34-182*

Semivolatile Organic Compounds by GC/MS

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-7
Prism Sample ID: 4020008-03
Prism Work Order: 4020008
Time Collected: 01/31/14 11:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2,4-Trichlorobenzene	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
1,2-Dichlorobenzene	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
1,3-Dichlorobenzene	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
1,4-Dichlorobenzene	BRL	mg/kg dry	0.54	0.17	1	8270D	2/4/14 16:49	KC	P4B0016
1-Methylnaphthalene	BRL	mg/kg dry	0.54	0.13	1	8270D	2/4/14 16:49	KC	P4B0016
2,4,6-Trichlorophenol	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
2,4-Dichlorophenol	BRL	mg/kg dry	0.54	0.19	1	8270D	2/4/14 16:49	KC	P4B0016
2,4-Dimethylphenol	BRL	mg/kg dry	0.54	0.22	1	8270D	2/4/14 16:49	KC	P4B0016
2,4-Dinitrophenol	BRL	mg/kg dry	0.54	0.085	1	8270D	2/4/14 16:49	KC	P4B0016
2,4-Dinitrotoluene	BRL	mg/kg dry	0.54	0.092	1	8270D	2/4/14 16:49	KC	P4B0016
2,6-Dinitrotoluene	BRL	mg/kg dry	0.54	0.082	1	8270D	2/4/14 16:49	KC	P4B0016
2-Chloronaphthalene	BRL	mg/kg dry	0.54	0.19	1	8270D	2/4/14 16:49	KC	P4B0016
2-Chlorophenol	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
2-Methylnaphthalene	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
2-Methylphenol	BRL	mg/kg dry	0.54	0.19	1	8270D	2/4/14 16:49	KC	P4B0016
2-Nitrophenol	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
3,3'-Dichlorobenzidine	BRL	mg/kg dry	0.54	0.090	1	8270D	2/4/14 16:49	KC	P4B0016
3/4-Methylphenol	BRL	mg/kg dry	0.54	0.15	1	8270D	2/4/14 16:49	KC	P4B0016
4,6-Dinitro-2-methylphenol	BRL	mg/kg dry	0.54	0.058	1	8270D	2/4/14 16:49	KC	P4B0016
4-Bromophenyl phenyl ether	BRL	mg/kg dry	0.54	0.12	1	8270D	2/4/14 16:49	KC	P4B0016
4-Chloro-3-methylphenol	BRL	mg/kg dry	0.54	0.19	1	8270D	2/4/14 16:49	KC	P4B0016
4-Chloroaniline	BRL	mg/kg dry	0.54	0.19	1	8270D	2/4/14 16:49	KC	P4B0016
4-Chlorophenyl phenyl ether	BRL	mg/kg dry	0.54	0.16	1	8270D	2/4/14 16:49	KC	P4B0016
4-Nitrophenol	BRL	mg/kg dry	0.54	0.067	1	8270D	2/4/14 16:49	KC	P4B0016
Acenaphthene	BRL	mg/kg dry	0.54	0.17	1	8270D	2/4/14 16:49	KC	P4B0016
Acenaphthylene	BRL	mg/kg dry	0.54	0.17	1	8270D	2/4/14 16:49	KC	P4B0016
Anthracene	BRL	mg/kg dry	0.54	0.11	1	8270D	2/4/14 16:49	KC	P4B0016
Azobenzene	BRL	mg/kg dry	0.54	0.12	1	8270D	2/4/14 16:49	KC	P4B0016
Benzo(a)anthracene	BRL	mg/kg dry	0.54	0.11	1	8270D	2/4/14 16:49	KC	P4B0016
Benzo(a)pyrene	BRL	mg/kg dry	0.54	0.10	1	8270D	2/4/14 16:49	KC	P4B0016
Benzo(b)fluoranthene	BRL	mg/kg dry	0.54	0.074	1	8270D	2/4/14 16:49	KC	P4B0016
Benzo(g,h,i)perylene	BRL	mg/kg dry	0.54	0.17	1	8270D	2/4/14 16:49	KC	P4B0016
Benzo(k)fluoranthene	BRL	mg/kg dry	0.54	0.16	1	8270D	2/4/14 16:49	KC	P4B0016
Benzoic Acid	BRL	mg/kg dry	0.54	0.071	1	8270D	2/4/14 16:49	KC	P4B0016
Benzyl alcohol	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
bis(2-Chloroethoxy)methane	BRL	mg/kg dry	0.54	0.28	1	8270D	2/4/14 16:49	KC	P4B0016
Bis(2-Chloroethyl)ether	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
Bis(2-chloroisopropyl)ether	BRL	mg/kg dry	0.54	0.21	1	8270D	2/4/14 16:49	KC	P4B0016
Bis(2-Ethylhexyl)phthalate	BRL	mg/kg dry	0.54	0.10	1	8270D	2/4/14 16:49	KC	P4B0016
Butyl benzyl phthalate	BRL	mg/kg dry	0.54	0.12	1	8270D	2/4/14 16:49	KC	P4B0016
Chrysene	BRL	mg/kg dry	0.54	0.12	1	8270D	2/4/14 16:49	KC	P4B0016
Dibenzo(a,h)anthracene	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
Dibenzofuran	BRL	mg/kg dry	0.54	0.15	1	8270D	2/4/14 16:49	KC	P4B0016

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Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-7
Prism Sample ID: 4020008-03
Prism Work Order: 4020008
Time Collected: 01/31/14 11:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diethyl phthalate	BRL	mg/kg dry	0.54	0.097	1	8270D	2/4/14 16:49	KC	P4B0016
Dimethyl phthalate	BRL	mg/kg dry	0.54	0.10	1	8270D	2/4/14 16:49	KC	P4B0016
Di-n-butyl phthalate	BRL	mg/kg dry	0.54	0.13	1	8270D	2/4/14 16:49	KC	P4B0016
Di-n-octyl phthalate	BRL	mg/kg dry	0.54	0.12	1	8270D	2/4/14 16:49	KC	P4B0016
Fluoranthene	BRL	mg/kg dry	0.54	0.11	1	8270D	2/4/14 16:49	KC	P4B0016
Fluorene	BRL	mg/kg dry	0.54	0.13	1	8270D	2/4/14 16:49	KC	P4B0016
Hexachlorobenzene	BRL	mg/kg dry	0.54	0.090	1	8270D	2/4/14 16:49	KC	P4B0016
Hexachlorobutadiene	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
Hexachlorocyclopentadiene	BRL ICV	mg/kg dry	0.54	0.16	1	8270D	2/4/14 16:49	KC	P4B0016
Hexachloroethane	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
Indeno(1,2,3-cd)pyrene	BRL	mg/kg dry	0.54	0.14	1	8270D	2/4/14 16:49	KC	P4B0016
Isophorone	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
Naphthalene	BRL	mg/kg dry	0.54	0.21	1	8270D	2/4/14 16:49	KC	P4B0016
Nitrobenzene	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
N-Nitroso-di-n-propylamine	BRL	mg/kg dry	0.54	0.18	1	8270D	2/4/14 16:49	KC	P4B0016
N-Nitrosodiphenylamine	BRL	mg/kg dry	0.54	0.11	1	8270D	2/4/14 16:49	KC	P4B0016
Pentachlorophenol	BRL	mg/kg dry	0.54	0.044	1	8270D	2/4/14 16:49	KC	P4B0016
Phenanthrene	BRL	mg/kg dry	0.54	0.095	1	8270D	2/4/14 16:49	KC	P4B0016
Phenol	BRL	mg/kg dry	0.54	0.20	1	8270D	2/4/14 16:49	KC	P4B0016
Pyrene	BRL	mg/kg dry	0.54	0.15	1	8270D	2/4/14 16:49	KC	P4B0016

Surrogate	Recovery	Control Limits	
2,4,6-Tribromophenol	*9 %*	*37-131*	*SR*
2-Fluorobiphenyl	*79 %*	*47-130*	
2-Fluorophenol	*14 %*	*44-117*	*SR*
Nitrobenzene-d5	*80 %*	*45-121*	
Phenol-d5	*15 %*	*37-127*	*SR*
Terphenyl-d14	*67 %*	*38-135*	

Total Metals

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Mercury	**0.44**	**mg/kg dry**	**0.034**	**0.011**	**1**	***7471B**	**2/4/14 14:29**	**MEH**	**P4B0029**
Arsenic	**44**	**mg/kg dry**	**0.42**	**0.061**	**1**	***6010C**	**2/4/14 19:34**	**BGM**	**P4B0025**
Barium	**2500**	**mg/kg dry**	**83**	**4.2**	**100**	***6010C**	**2/5/14 20:42**	**BGM**	**P4B0025**
Cadmium	BRL	mg/kg dry	0.42	0.0040	1	*6010C	2/4/14 19:34	BGM	P4B0025
Chromium	**29**	**mg/kg dry**	**0.42**	**0.13**	**1**	***6010C**	**2/4/14 19:34**	**BGM**	**P4B0025**
Lead	**11**	**mg/kg dry**	**0.42**	**0.049**	**1**	***6010C**	**2/4/14 19:34**	**BGM**	**P4B0025**
Selenium	**4.5**	**mg/kg dry**	**0.83**	**0.10**	**1**	***6010C**	**2/4/14 19:34**	**BGM**	**P4B0025**
Silver	BRL	mg/kg dry	0.42	0.0067	1	*6010C	2/4/14 19:34	BGM	P4B0025

Volatile Organic Compounds by GC/MS

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,1-Trichloroethane	BRL	mg/kg dry	0.0081	0.00026	1	8260B	2/12/14 23:35	MSC	P4B0223
1,1,2,2-Tetrachloroethane	BRL CCV	mg/kg dry	0.0081	0.0013	1	8260B	2/12/14 23:35	MSC	P4B0223
1,1,2-Trichloroethane	BRL	mg/kg dry	0.0081	0.00068	1	8260B	2/12/14 23:35	MSC	P4B0223
1,1-Dichloroethane	BRL	mg/kg dry	0.0081	0.00068	1	8260B	2/12/14 23:35	MSC	P4B0223
1,1-Dichloroethylene	BRL	mg/kg dry	0.0081	0.00049	1	8260B	2/12/14 23:35	MSC	P4B0223

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Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-7
Prism Sample ID: 4020008-03
Prism Work Order: 4020008
Time Collected: 01/31/14 11:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1-Dichloropropylene	BRL	mg/kg dry	0.0081	0.00085	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2,3-Trichlorobenzene	BRL	mg/kg dry	0.0081	0.00060	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2,3-Trichloropropane	BRL CCV	mg/kg dry	0.0081	0.0012	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2,4-Trichlorobenzene	BRL CCV	mg/kg dry	0.0081	0.00047	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2,4-Trimethylbenzene	BRL	mg/kg dry	0.0081	0.0016	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2-Dibromoethane	BRL	mg/kg dry	0.0081	0.00093	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2-Dichlorobenzene	BRL	mg/kg dry	0.0081	0.00036	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2-Dichloroethane	BRL	mg/kg dry	0.0081	0.0013	1	8260B	2/12/14 23:35	MSC	P4B0223
1,2-Dichloropropane	BRL	mg/kg dry	0.0081	0.00051	1	8260B	2/12/14 23:35	MSC	P4B0223
1,3,5-Trimethylbenzene	BRL CCV	mg/kg dry	0.0081	0.00039	1	8260B	2/12/14 23:35	MSC	P4B0223
1,3-Dichlorobenzene	BRL	mg/kg dry	0.0081	0.00011	1	8260B	2/12/14 23:35	MSC	P4B0223
1,3-Dichloropropane	BRL	mg/kg dry	0.0081	0.00087	1	8260B	2/12/14 23:35	MSC	P4B0223
1,4-Dichlorobenzene	BRL	mg/kg dry	0.0081	0.00059	1	8260B	2/12/14 23:35	MSC	P4B0223
2,2-Dichloropropane	BRL	mg/kg dry	0.0081	0.00051	1	8260B	2/12/14 23:35	MSC	P4B0223
2-Chlorotoluene	BRL CCV	mg/kg dry	0.0081	0.00049	1	8260B	2/12/14 23:35	MSC	P4B0223
4-Chlorotoluene	BRL	mg/kg dry	0.0081	0.00038	1	8260B	2/12/14 23:35	MSC	P4B0223
4-Isopropyltoluene	**0.024**	**mg/kg dry**	**0.0081**	**0.00051**	**1**	**8260B**	**2/12/14 23:35**	**MSC**	**P4B0223**
Acetone	**0.11**	**mg/kg dry**	**0.081**	**0.0043**	**1**	**8260B**	**2/12/14 23:35**	**MSC**	**P4B0223**
Benzene	BRL	mg/kg dry	0.0048	0.00049	1	8260B	2/12/14 23:35	MSC	P4B0223
Bromobenzene	BRL CCV	mg/kg dry	0.0081	0.00034	1	8260B	2/12/14 23:35	MSC	P4B0223
Bromochloromethane	BRL	mg/kg dry	0.0081	0.0012	1	8260B	2/12/14 23:35	MSC	P4B0223
Bromodichloromethane	BRL	mg/kg dry	0.0081	0.00037	1	8260B	2/12/14 23:35	MSC	P4B0223
Bromoform	BRL	mg/kg dry	0.0081	0.0014	1	8260B	2/12/14 23:35	MSC	P4B0223
Bromomethane	BRL	mg/kg dry	0.016	0.0023	1	8260B	2/12/14 23:35	MSC	P4B0223
Carbon Tetrachloride	BRL	mg/kg dry	0.0081	0.00044	1	8260B	2/12/14 23:35	MSC	P4B0223
Chlorobenzene	BRL	mg/kg dry	0.0081	0.00038	1	8260B	2/12/14 23:35	MSC	P4B0223
Chloroethane	BRL	mg/kg dry	0.016	0.0061	1	8260B	2/12/14 23:35	MSC	P4B0223
Chloroform	BRL	mg/kg dry	0.0081	0.00034	1	8260B	2/12/14 23:35	MSC	P4B0223
Chloromethane	BRL	mg/kg dry	0.0081	0.0041	1	8260B	2/12/14 23:35	MSC	P4B0223
cis-1,2-Dichloroethylene	BRL	mg/kg dry	0.0081	0.00065	1	8260B	2/12/14 23:35	MSC	P4B0223
cis-1,3-Dichloropropylene	BRL	mg/kg dry	0.0081	0.00040	1	8260B	2/12/14 23:35	MSC	P4B0223
Dibromochloromethane	BRL	mg/kg dry	0.0081	0.00055	1	8260B	2/12/14 23:35	MSC	P4B0223
Dichlorodifluoromethane	BRL	mg/kg dry	0.0081	0.00087	1	8260B	2/12/14 23:35	MSC	P4B0223
Ethylbenzene	BRL	mg/kg dry	0.0081	0.00052	1	8260B	2/12/14 23:35	MSC	P4B0223
Isopropyl Ether	BRL	mg/kg dry	0.0081	0.00035	1	8260B	2/12/14 23:35	MSC	P4B0223
Isopropylbenzene (Cumene)	BRL CCV	mg/kg dry	0.0081	0.00040	1	8260B	2/12/14 23:35	MSC	P4B0223
m,p-Xylenes	BRL	mg/kg dry	0.016	0.0010	1	8260B	2/12/14 23:35	MSC	P4B0223
Methyl Butyl Ketone (2-Hexanone)	BRL	mg/kg dry	0.081	0.0017	1	8260B	2/12/14 23:35	MSC	P4B0223
Methyl Ethyl Ketone (2-Butanone)	BRL	mg/kg dry	0.16	0.0029	1	8260B	2/12/14 23:35	MSC	P4B0223
Methyl Isobutyl Ketone	BRL	mg/kg dry	0.081	0.0021	1	8260B	2/12/14 23:35	MSC	P4B0223
Methylene Chloride	BRL	mg/kg dry	0.0081	0.00059	1	8260B	2/12/14 23:35	MSC	P4B0223
Methyl-tert-Butyl Ether	BRL	mg/kg dry	0.016	0.00062	1	8260B	2/12/14 23:35	MSC	P4B0223
Naphthalene	BRL	mg/kg dry	0.016	0.00059	1	8260B	2/12/14 23:35	MSC	P4B0223

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: S-7
Prism Sample ID: 4020008-03
Prism Work Order: 4020008
Time Collected: 01/31/14 11:00
Time Submitted: 01/31/14 18:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	mg/kg dry	0.0081	0.00036	1	8260B	2/12/14 23:35	MSC	P4B0223
n-Propylbenzene	BRL	mg/kg dry	0.0081	0.00046	1	8260B	2/12/14 23:35	MSC	P4B0223
o-Xylene	BRL	mg/kg dry	0.0081	0.00051	1	8260B	2/12/14 23:35	MSC	P4B0223
sec-Butylbenzene	BRL CCV	mg/kg dry	0.0081	0.00033	1	8260B	2/12/14 23:35	MSC	P4B0223
Styrene	BRL	mg/kg dry	0.0081	0.00035	1	8260B	2/12/14 23:35	MSC	P4B0223
tert-Butylbenzene	BRL CCV	mg/kg dry	0.0081	0.00042	1	8260B	2/12/14 23:35	MSC	P4B0223
Tetrachloroethylene	BRL	mg/kg dry	0.0081	0.00056	1	8260B	2/12/14 23:35	MSC	P4B0223
Toluene	BRL	mg/kg dry	0.0081	0.00048	1	8260B	2/12/14 23:35	MSC	P4B0223
trans-1,2-Dichloroethylene	BRL	mg/kg dry	0.0081	0.00093	1	8260B	2/12/14 23:35	MSC	P4B0223
trans-1,3-Dichloropropylene	BRL	mg/kg dry	0.0081	0.00039	1	8260B	2/12/14 23:35	MSC	P4B0223
Trichloroethylene	BRL	mg/kg dry	0.0081	0.00075	1	8260B	2/12/14 23:35	MSC	P4B0223
Trichlorofluoromethane	BRL	mg/kg dry	0.0081	0.00066	1	8260B	2/12/14 23:35	MSC	P4B0223
Vinyl acetate	BRL	mg/kg dry	0.040	0.0023	1	8260B	2/12/14 23:35	MSC	P4B0223
Vinyl chloride	BRL	mg/kg dry	0.0081	0.0010	1	8260B	2/12/14 23:35	MSC	P4B0223
Xylenes, total	BRL	mg/kg dry	0.024	0.0015	1	8260B	2/12/14 23:35	MSC	P4B0223

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*114 %*	*70-130*	
Dibromofluoromethane	*125 %*	*84-123*	*SR*
Toluene-d8	*138 %*	*76-129*	*SR*

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0152 - 5035										
Blank (P4B0152-BLK1)				Prepared & Analyzed: 02/11/14						
1,1,1-Trichloroethane	BRL	0.0050	mg/kg wet							
1,1,2,2-Tetrachloroethane	BRL	0.0050	mg/kg wet							
1,1,2-Trichloroethane	BRL	0.0050	mg/kg wet							
1,1-Dichloroethane	BRL	0.0050	mg/kg wet							
1,1-Dichloroethylene	BRL	0.0050	mg/kg wet							
1,1-Dichloropropylene	BRL	0.0050	mg/kg wet							
1,2,3-Trichlorobenzene	BRL	0.0050	mg/kg wet							
1,2,3-Trichloropropane	BRL	0.0050	mg/kg wet							
1,2,4-Trichlorobenzene	BRL	0.0050	mg/kg wet							
1,2,4-Trimethylbenzene	BRL	0.0050	mg/kg wet							
1,2-Dibromoethane	BRL	0.0050	mg/kg wet							
1,2-Dichlorobenzene	BRL	0.0050	mg/kg wet							
1,2-Dichloroethane	BRL	0.0050	mg/kg wet							
1,2-Dichloropropane	BRL	0.0050	mg/kg wet							
1,3,5-Trimethylbenzene	BRL	0.0050	mg/kg wet							
1,3-Dichlorobenzene	BRL	0.0050	mg/kg wet							
1,3-Dichloropropane	BRL	0.0050	mg/kg wet							
1,4-Dichlorobenzene	BRL	0.0050	mg/kg wet							
2,2-Dichloropropane	BRL	0.0050	mg/kg wet							
2-Chlorotoluene	BRL	0.0050	mg/kg wet							
4-Chlorotoluene	BRL	0.0050	mg/kg wet							
4-Isopropyltoluene	BRL	0.0050	mg/kg wet							
Acetone	BRL	0.050	mg/kg wet							
Benzene	BRL	0.0030	mg/kg wet							
Bromobenzene	BRL	0.0050	mg/kg wet							
Bromochloromethane	BRL	0.0050	mg/kg wet							
Bromodichloromethane	BRL	0.0050	mg/kg wet							
Bromoform	BRL	0.0050	mg/kg wet							
Bromomethane	BRL	0.010	mg/kg wet							
Carbon Tetrachloride	BRL	0.0050	mg/kg wet							
Chlorobenzene	BRL	0.0050	mg/kg wet							
Chloroethane	BRL	0.010	mg/kg wet							
Chloroform	BRL	0.0050	mg/kg wet							
Chloromethane	BRL	0.0050	mg/kg wet							
cis-1,2-Dichloroethylene	BRL	0.0050	mg/kg wet							
cis-1,3-Dichloropropylene	BRL	0.0050	mg/kg wet							
Dibromochloromethane	BRL	0.0050	mg/kg wet							
Dichlorodifluoromethane	BRL	0.0050	mg/kg wet							
Ethylbenzene	BRL	0.0050	mg/kg wet							
Isopropyl Ether	BRL	0.0050	mg/kg wet							
Isopropylbenzene (Cumene)	BRL	0.0050	mg/kg wet							
m,p-Xylenes	BRL	0.010	mg/kg wet							
Methyl Butyl Ketone (2-Hexanone)	BRL	0.050	mg/kg wet							
Methyl Ethyl Ketone (2-Butanone)	BRL	0.10	mg/kg wet							
Methyl Isobutyl Ketone	BRL	0.050	mg/kg wet							
Methylene Chloride	BRL	0.0050	mg/kg wet							

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0152 - 5035										
Blank (P4B0152-BLK1)				Prepared & Analyzed: 02/11/14						
Methyl-tert-Butyl Ether	BRL	0.010	mg/kg wet							
Naphthalene	BRL	0.010	mg/kg wet							
n-Butylbenzene	BRL	0.0050	mg/kg wet							
n-Propylbenzene	BRL	0.0050	mg/kg wet							
o-Xylene	BRL	0.0050	mg/kg wet							
sec-Butylbenzene	BRL	0.0050	mg/kg wet							
Styrene	BRL	0.0050	mg/kg wet							
tert-Butylbenzene	BRL	0.0050	mg/kg wet							
Tetrachloroethylene	BRL	0.0050	mg/kg wet							
Toluene	BRL	0.0050	mg/kg wet							
trans-1,2-Dichloroethylene	BRL	0.0050	mg/kg wet							
trans-1,3-Dichloropropylene	BRL	0.0050	mg/kg wet							
Trichloroethylene	BRL	0.0050	mg/kg wet							
Trichlorofluoromethane	BRL	0.0050	mg/kg wet							
Vinyl acetate	BRL	0.025	mg/kg wet							
Vinyl chloride	BRL	0.0050	mg/kg wet							
Xylenes, total	BRL	0.015	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*0.0592*		*mg/kg wet*	*0.05000*		*118*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0507*		*mg/kg wet*	*0.05000*		*101*	*84-123*			
Surrogate: Toluene-d8	*0.0511*		*mg/kg wet*	*0.05000*		*102*	*76-129*			
LCS (P4B0152-BS1)				Prepared & Analyzed: 02/11/14						
1,1-Dichloroethylene	0.0457	0.0050	mg/kg wet	0.05000		91	67-149			
Benzene	0.0504	0.0030	mg/kg wet	0.05000		101	74-127			
Chlorobenzene	0.0520	0.0050	mg/kg wet	0.05000		104	74-118			
Toluene	0.0517	0.0050	mg/kg wet	0.05000		103	71-129			
Trichloroethylene	0.0484	0.0050	mg/kg wet	0.05000		97	75-133			
Surrogate: 4-Bromofluorobenzene	*0.0529*		*mg/kg wet*	*0.05000*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0477*		*mg/kg wet*	*0.05000*		*95*	*84-123*			
Surrogate: Toluene-d8	*0.0498*		*mg/kg wet*	*0.05000*		*100*	*76-129*			

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0152 - 5035										
LCS Dup (P4B0152-BSD1)				Prepared & Analyzed: 02/11/14						
1,1-Dichloroethylene	0.0385	0.0050	mg/kg wet	0.05000		77	67-149	17	20	
Benzene	0.0482	0.0030	mg/kg wet	0.05000		96	74-127	5	20	
Chlorobenzene	0.0487	0.0050	mg/kg wet	0.05000		97	74-118	7	20	
Toluene	0.0517	0.0050	mg/kg wet	0.05000		103	71-129	0.02	20	
Trichloroethylene	0.0444	0.0050	mg/kg wet	0.05000		89	75-133	8	20	
Surrogate: 4-Bromofluorobenzene	*0.0637*		*mg/kg wet*	*0.05000*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0454*		*mg/kg wet*	*0.05000*		*91*	*84-123*			
Surrogate: Toluene-d8	*0.0487*		*mg/kg wet*	*0.05000*		*97*	*76-129*			
Batch P4B0223 - 5035										
Blank (P4B0223-BLK1)				Prepared & Analyzed: 02/12/14						
1,1,1-Trichloroethane	BRL	0.0050	mg/kg wet							
1,1,2,2-Tetrachloroethane	BRL	0.0050	mg/kg wet							
1,1,2-Trichloroethane	BRL	0.0050	mg/kg wet							
1,1-Dichloroethane	BRL	0.0050	mg/kg wet							
1,1-Dichloroethylene	BRL	0.0050	mg/kg wet							
1,1-Dichloropropylene	BRL	0.0050	mg/kg wet							
1,2,3-Trichlorobenzene	BRL	0.0050	mg/kg wet							
1,2,3-Trichloropropane	BRL	0.0050	mg/kg wet							
1,2,4-Trichlorobenzene	BRL	0.0050	mg/kg wet							
1,2,4-Trimethylbenzene	BRL	0.0050	mg/kg wet							
1,2-Dibromoethane	BRL	0.0050	mg/kg wet							
1,2-Dichlorobenzene	BRL	0.0050	mg/kg wet							
1,2-Dichloroethane	BRL	0.0050	mg/kg wet							
1,2-Dichloropropane	BRL	0.0050	mg/kg wet							
1,3,5-Trimethylbenzene	BRL	0.0050	mg/kg wet							
1,3-Dichlorobenzene	BRL	0.0050	mg/kg wet							
1,3-Dichloropropane	BRL	0.0050	mg/kg wet							
1,4-Dichlorobenzene	BRL	0.0050	mg/kg wet							
2,2-Dichloropropane	BRL	0.0050	mg/kg wet							
2-Chlorotoluene	BRL	0.0050	mg/kg wet							
4-Chlorotoluene	BRL	0.0050	mg/kg wet							
4-Isopropyltoluene	BRL	0.0050	mg/kg wet							
Acetone	BRL	0.050	mg/kg wet							
Benzene	BRL	0.0030	mg/kg wet							
Bromobenzene	BRL	0.0050	mg/kg wet							
Bromochloromethane	BRL	0.0050	mg/kg wet							
Bromodichloromethane	BRL	0.0050	mg/kg wet							
Bromoform	BRL	0.0050	mg/kg wet							
Bromomethane	BRL	0.010	mg/kg wet							
Carbon Tetrachloride	BRL	0.0050	mg/kg wet							
Chlorobenzene	BRL	0.0050	mg/kg wet							
Chloroethane	BRL	0.010	mg/kg wet							
Chloroform	BRL	0.0050	mg/kg wet							
Chloromethane	BRL	0.0050	mg/kg wet							
cis-1,2-Dichloroethylene	BRL	0.0050	mg/kg wet							

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0223 - 5035										
Blank (P4B0223-BLK1)			Prepared & Analyzed: 02/12/14							
cis-1,3-Dichloropropylene	BRL	0.0050	mg/kg wet							
Dibromochloromethane	BRL	0.0050	mg/kg wet							
Dichlorodifluoromethane	BRL	0.0050	mg/kg wet							
Ethylbenzene	BRL	0.0050	mg/kg wet							
Isopropyl Ether	BRL	0.0050	mg/kg wet							
Isopropylbenzene (Cumene)	BRL	0.0050	mg/kg wet							
m,p-Xylenes	BRL	0.010	mg/kg wet							
Methyl Butyl Ketone (2-Hexanone)	BRL	0.050	mg/kg wet							
Methyl Ethyl Ketone (2-Butanone)	BRL	0.10	mg/kg wet							
Methyl Isobutyl Ketone	BRL	0.050	mg/kg wet							
Methylene Chloride	BRL	0.0050	mg/kg wet							
Methyl-tert-Butyl Ether	BRL	0.010	mg/kg wet							
Naphthalene	BRL	0.010	mg/kg wet							
n-Butylbenzene	BRL	0.0050	mg/kg wet							
n-Propylbenzene	BRL	0.0050	mg/kg wet							
o-Xylene	BRL	0.0050	mg/kg wet							
sec-Butylbenzene	BRL	0.0050	mg/kg wet							
Styrene	BRL	0.0050	mg/kg wet							
tert-Butylbenzene	BRL	0.0050	mg/kg wet							
Tetrachloroethylene	BRL	0.0050	mg/kg wet							
Toluene	BRL	0.0050	mg/kg wet							
trans-1,2-Dichloroethylene	BRL	0.0050	mg/kg wet							
trans-1,3-Dichloropropylene	BRL	0.0050	mg/kg wet							
Trichloroethylene	BRL	0.0050	mg/kg wet							
Trichlorofluoromethane	BRL	0.0050	mg/kg wet							
Vinyl acetate	BRL	0.025	mg/kg wet							
Vinyl chloride	BRL	0.0050	mg/kg wet							
Xylenes, total	BRL	0.015	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*0.0610*		*mg/kg wet*	*0.05000*		*122*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0517*		*mg/kg wet*	*0.05000*		*103*	*84-123*			
Surrogate: Toluene-d8	*0.0507*		*mg/kg wet*	*0.05000*		*101*	*76-129*			

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Prism Work Order: 4020008
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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0223 - 5035										
LCS (P4B0223-BS1)				Prepared & Analyzed: 02/12/14						
1,1-Dichloroethylene	0.0575	0.0050	mg/kg wet	0.05000		115	67-149			
Benzene	0.0499	0.0030	mg/kg wet	0.05000		100	74-127			
Chlorobenzene	0.0523	0.0050	mg/kg wet	0.05000		105	74-118			
Toluene	0.0539	0.0050	mg/kg wet	0.05000		108	71-129			
Trichloroethylene	0.0544	0.0050	mg/kg wet	0.05000		109	75-133			
Surrogate: 4-Bromofluorobenzene	*0.0528*		*mg/kg wet*	*0.05000*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0485*		*mg/kg wet*	*0.05000*		*97*	*84-123*			
Surrogate: Toluene-d8	*0.0526*		*mg/kg wet*	*0.05000*		*105*	*76-129*			
LCS Dup (P4B0223-BSD1)				Prepared & Analyzed: 02/12/14						
1,1-Dichloroethylene	0.0508	0.0050	mg/kg wet	0.05000		102	67-149	12	20	
Benzene	0.0495	0.0030	mg/kg wet	0.05000		99	74-127	0.8	20	
Chlorobenzene	0.0519	0.0050	mg/kg wet	0.05000		104	74-118	0.8	20	
Toluene	0.0600	0.0050	mg/kg wet	0.05000		120	71-129	11	20	
Trichloroethylene	0.0535	0.0050	mg/kg wet	0.05000		107	75-133	2	20	
Surrogate: 4-Bromofluorobenzene	*0.0579*		*mg/kg wet*	*0.05000*		*116*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0468*		*mg/kg wet*	*0.05000*		*94*	*84-123*			
Surrogate: Toluene-d8	*0.0474*		*mg/kg wet*	*0.05000*		*95*	*76-129*			

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0016 - 3550C MS										
Blank (P4B0016-BLK1)				Prepared: 02/03/14 Analyzed: 02/04/14						
1,2,4-Trichlorobenzene	BRL	0.33	mg/kg wet							
1,2-Dichlorobenzene	BRL	0.33	mg/kg wet							
1,3-Dichlorobenzene	BRL	0.33	mg/kg wet							
1,4-Dichlorobenzene	BRL	0.33	mg/kg wet							
1-Methylnaphthalene	BRL	0.33	mg/kg wet							
2,4,6-Trichlorophenol	BRL	0.33	mg/kg wet							
2,4-Dichlorophenol	BRL	0.33	mg/kg wet							
2,4-Dimethylphenol	BRL	0.33	mg/kg wet							
2,4-Dinitrophenol	BRL	0.33	mg/kg wet							
2,4-Dinitrotoluene	BRL	0.33	mg/kg wet							
2,6-Dinitrotoluene	BRL	0.33	mg/kg wet							
2-Chloronaphthalene	BRL	0.33	mg/kg wet							
2-Chlorophenol	BRL	0.33	mg/kg wet							
2-Methylnaphthalene	BRL	0.33	mg/kg wet							
2-Methylphenol	BRL	0.33	mg/kg wet							
2-Nitrophenol	BRL	0.33	mg/kg wet							
3,3'-Dichlorobenzidine	BRL	0.33	mg/kg wet							
3/4-Methylphenol	BRL	0.33	mg/kg wet							
4,6-Dinitro-2-methylphenol	BRL	0.33	mg/kg wet							
4-Bromophenyl phenyl ether	BRL	0.33	mg/kg wet							
4-Chloro-3-methylphenol	BRL	0.33	mg/kg wet							
4-Chloroaniline	BRL	0.33	mg/kg wet							
4-Chlorophenyl phenyl ether	BRL	0.33	mg/kg wet							
4-Nitrophenol	BRL	0.33	mg/kg wet							
Acenaphthene	BRL	0.33	mg/kg wet							
Acenaphthylene	BRL	0.33	mg/kg wet							
Anthracene	BRL	0.33	mg/kg wet							
Azobenzene	BRL	0.33	mg/kg wet							
Benzo(a)anthracene	BRL	0.33	mg/kg wet							
Benzo(a)pyrene	BRL	0.33	mg/kg wet							
Benzo(b)fluoranthene	BRL	0.33	mg/kg wet							
Benzo(g,h,i)perylene	BRL	0.33	mg/kg wet							
Benzo(k)fluoranthene	BRL	0.33	mg/kg wet							
Benzoic Acid	BRL	0.33	mg/kg wet							
Benzyl alcohol	BRL	0.33	mg/kg wet							
bis(2-Chloroethoxy)methane	BRL	0.33	mg/kg wet							
Bis(2-Chloroethyl)ether	BRL	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	BRL	0.33	mg/kg wet							
Bis(2-Ethylhexyl)phthalate	BRL	0.33	mg/kg wet							
Butyl benzyl phthalate	BRL	0.33	mg/kg wet							
Chrysene	BRL	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	BRL	0.33	mg/kg wet							
Dibenzofuran	BRL	0.33	mg/kg wet							
Diethyl phthalate	BRL	0.33	mg/kg wet							
Dimethyl phthalate	BRL	0.33	mg/kg wet							
Di-n-butyl phthalate	BRL	0.33	mg/kg wet							

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Falcon Engineering
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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0016 - 3550C MS										
Blank (P4B0016-BLK1)				Prepared: 02/03/14 Analyzed: 02/04/14						
Di-n-octyl phthalate	BRL	0.33	mg/kg wet							
Fluoranthene	BRL	0.33	mg/kg wet							
Fluorene	BRL	0.33	mg/kg wet							
Hexachlorobenzene	BRL	0.33	mg/kg wet							
Hexachlorobutadiene	BRL	0.33	mg/kg wet							
Hexachlorocyclopentadiene	BRL	0.33	mg/kg wet							
Hexachloroethane	BRL	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	BRL	0.33	mg/kg wet							
Isophorone	BRL	0.33	mg/kg wet							
Naphthalene	BRL	0.33	mg/kg wet							
Nitrobenzene	BRL	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	BRL	0.33	mg/kg wet							
N-Nitrosodiphenylamine	BRL	0.33	mg/kg wet							
Pentachlorophenol	BRL	0.33	mg/kg wet							
Phenanthrene	BRL	0.33	mg/kg wet							
Phenol	BRL	0.33	mg/kg wet							
Pyrene	BRL	0.33	mg/kg wet							
Surrogate: 2,4,6-Tribromophenol	*3.29*		*mg/kg wet*	*3.330*		*99*	*37-131*			
Surrogate: 2-Fluorobiphenyl	*1.49*		*mg/kg wet*	*1.665*		*89*	*47-130*			
Surrogate: 2-Fluorophenol	*2.82*		*mg/kg wet*	*3.330*		*85*	*44-117*			
Surrogate: Nitrobenzene-d5	*1.45*		*mg/kg wet*	*1.665*		*87*	*45-121*			
Surrogate: Phenol-d5	*2.81*		*mg/kg wet*	*3.330*		*84*	*37-127*			
Surrogate: Terphenyl-d14	*1.65*		*mg/kg wet*	*1.665*		*99*	*38-135*			
LCS (P4B0016-BS1)				Prepared: 02/03/14 Analyzed: 02/04/14						
1,2,4-Trichlorobenzene	1.40	0.33	mg/kg wet	1.665		84	54-110			
1,2-Dichlorobenzene	1.35	0.33	mg/kg wet	1.665		81	53-107			
1,3-Dichlorobenzene	1.33	0.33	mg/kg wet	1.665		80	52-108			
1,4-Dichlorobenzene	1.32	0.33	mg/kg wet	1.665		79	52-108			
1-Methylnaphthalene	1.55	0.33	mg/kg wet	1.665		93	35-102			
2,4,6-Trichlorophenol	1.65	0.33	mg/kg wet	1.665		99	62-120			
2,4-Dichlorophenol	1.51	0.33	mg/kg wet	1.665		91	58-113			
2,4-Dimethylphenol	1.55	0.33	mg/kg wet	1.665		93	59-110			
2,4-Dinitrophenol	1.11	0.33	mg/kg wet	1.665		67	29-134			
2,4-Dinitrotoluene	1.43	0.33	mg/kg wet	1.665		86	63-137			
2,6-Dinitrotoluene	1.40	0.33	mg/kg wet	1.665		84	59-134			
2-Chloronaphthalene	1.94	0.33	mg/kg wet	1.665		117	41-147			
2-Chlorophenol	1.40	0.33	mg/kg wet	1.665		84	55-108			
2-Methylnaphthalene	1.59	0.33	mg/kg wet	1.665		95	57-116			
2-Methylphenol	1.46	0.33	mg/kg wet	1.665		88	56-111			
2-Nitrophenol	1.39	0.33	mg/kg wet	1.665		84	58-112			
3,3'-Dichlorobenzidine	1.65	0.33	mg/kg wet	1.665		99	51-161			
3/4-Methylphenol	1.49	0.33	mg/kg wet	1.665		89	56-111			
4,6-Dinitro-2-methylphenol	1.38	0.33	mg/kg wet	1.665		83	46-148			
4-Bromophenyl phenyl ether	1.77	0.33	mg/kg wet	1.665		107	58-137			
4-Chloro-3-methylphenol	1.59	0.33	mg/kg wet	1.665		96	60-118			
4-Chloroaniline	1.65	0.33	mg/kg wet	1.665		99	53-144			

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0016 - 3550C MS										
LCS (P4B0016-BS1)				Prepared: 02/03/14 Analyzed: 02/04/14						
4-Chlorophenyl phenyl ether	1.72	0.33	mg/kg wet	1.665		103	59-131			
4-Nitrophenol	1.58	0.33	mg/kg wet	1.665		95	48-148			
Acenaphthene	1.69	0.33	mg/kg wet	1.665		102	62-118			
Acenaphthylene	1.66	0.33	mg/kg wet	1.665		100	64-116			
Anthracene	1.80	0.33	mg/kg wet	1.665		108	71-132			
Azobenzene	1.71	0.33	mg/kg wet	1.665		103	56-125			
Benzo(a)anthracene	1.76	0.33	mg/kg wet	1.665		106	71-129			
Benzo(a)pyrene	1.78	0.33	mg/kg wet	1.665		107	74-129			
Benzo(b)fluoranthene	1.78	0.33	mg/kg wet	1.665		107	63-138			
Benzo(g,h,i)perylene	1.75	0.33	mg/kg wet	1.665		105	41-154			
Benzo(k)fluoranthene	1.72	0.33	mg/kg wet	1.665		103	62-145			
Benzoic Acid	0.428	0.33	mg/kg wet	1.665		26	10-83			
Benzyl alcohol	1.56	0.33	mg/kg wet	1.665		93	55-112			
bis(2-Chloroethoxy)methane	1.54	0.33	mg/kg wet	1.665		93	52-118			
Bis(2-Chloroethyl)ether	1.36	0.33	mg/kg wet	1.665		82	50-116			
Bis(2-chloroisopropyl)ether	1.47	0.33	mg/kg wet	1.665		88	48-119			
Bis(2-Ethylhexyl)phthalate	1.76	0.33	mg/kg wet	1.665		106	62-135			
Butyl benzyl phthalate	1.72	0.33	mg/kg wet	1.665		103	62-133			
Chrysene	1.82	0.33	mg/kg wet	1.665		109	72-129			
Dibenzo(a,h)anthracene	1.78	0.33	mg/kg wet	1.665		107	41-158			
Dibenzofuran	1.62	0.33	mg/kg wet	1.665		97	64-115			
Diethyl phthalate	1.68	0.33	mg/kg wet	1.665		101	73-120			
Dimethyl phthalate	1.64	0.33	mg/kg wet	1.665		98	71-115			
Di-n-butyl phthalate	1.73	0.33	mg/kg wet	1.665		104	68-127			
Di-n-octyl phthalate	1.69	0.33	mg/kg wet	1.665		102	53-150			
Fluoranthene	1.77	0.33	mg/kg wet	1.665		106	64-136			
Fluorene	1.68	0.33	mg/kg wet	1.665		101	67-120			
Hexachlorobenzene	1.67	0.33	mg/kg wet	1.665		100	63-134			
Hexachlorobutadiene	1.41	0.33	mg/kg wet	1.665		85	55-112			
Hexachlorocyclopentadiene	1.91	0.33	mg/kg wet	1.665		114	43-135			
Hexachloroethane	1.31	0.33	mg/kg wet	1.665		79	49-113			
Indeno(1,2,3-cd)pyrene	1.78	0.33	mg/kg wet	1.665		107	40-160			
Isophorone	1.35	0.33	mg/kg wet	1.665		81	55-118			
Naphthalene	1.49	0.33	mg/kg wet	1.665		90	62-111			
Nitrobenzene	1.22	0.33	mg/kg wet	1.665		73	50-116			
N-Nitroso-di-n-propylamine	1.56	0.33	mg/kg wet	1.665		94	53-113			
N-Nitrosodiphenylamine	1.78	0.33	mg/kg wet	1.665		107	76-144			
Pentachlorophenol	1.54	0.33	mg/kg wet	1.665		92	36-145			
Phenanthrene	1.77	0.33	mg/kg wet	1.665		106	72-123			
Phenol	1.44	0.33	mg/kg wet	1.665		87	56-108			
Pyrene	1.82	0.33	mg/kg wet	1.665		109	51-141			
Surrogate: 2,4,6-Tribromophenol	*3.74*		*mg/kg wet*	*3.330*		*112*	*37-131*			
Surrogate: 2-Fluorobiphenyl	*1.64*		*mg/kg wet*	*1.665*		*99*	*47-130*			
Surrogate: 2-Fluorophenol	*3.02*		*mg/kg wet*	*3.330*		*91*	*44-117*			
Surrogate: Nitrobenzene-d5	*1.45*		*mg/kg wet*	*1.665*		*87*	*45-121*			
Surrogate: Phenol-d5	*2.97*		*mg/kg wet*	*3.330*		*89*	*37-127*			

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0016 - 3550C MS										
LCS (P4B0016-BS1)				Prepared: 02/03/14 Analyzed: 02/04/14						
Surrogate: Terphenyl-d14	*1.75*		*mg/kg wet*	*1.665*		*105*	*38-135*			
LCS Dup (P4B0016-BSD1)				Prepared: 02/03/14 Analyzed: 02/04/14						
1,2,4-Trichlorobenzene	1.20	0.33	mg/kg wet	1.667		72	54-110	15	20	
1,2-Dichlorobenzene	1.11	0.33	mg/kg wet	1.667		67	53-107	19	20	
1,3-Dichlorobenzene	1.09	0.33	mg/kg wet	1.667		65	52-108	19	20	
1,4-Dichlorobenzene	1.09	0.33	mg/kg wet	1.667		65	52-108	19	20	
1-Methylnaphthalene	1.34	0.33	mg/kg wet	1.667		80	35-102	14	20	
2,4,6-Trichlorophenol	1.47	0.33	mg/kg wet	1.667		88	62-120	12	20	
2,4-Dichlorophenol	1.28	0.33	mg/kg wet	1.667		77	58-113	16	20	
2,4-Dimethylphenol	1.31	0.33	mg/kg wet	1.667		79	59-110	16	20	
2,4-Dinitrophenol	1.13	0.33	mg/kg wet	1.667		68	29-134	2	20	
2,4-Dinitrotoluene	1.37	0.33	mg/kg wet	1.667		82	63-137	5	20	
2,6-Dinitrotoluene	1.31	0.33	mg/kg wet	1.667		79	59-134	7	20	
2-Chloronaphthalene	1.70	0.33	mg/kg wet	1.667		102	41-147	13	20	
2-Chlorophenol	1.18	0.33	mg/kg wet	1.667		71	55-108	17	20	
2-Methylnaphthalene	1.37	0.33	mg/kg wet	1.667		82	57-116	15	20	
2-Methylphenol	1.23	0.33	mg/kg wet	1.667		74	56-111	17	20	
2-Nitrophenol	1.21	0.33	mg/kg wet	1.667		73	58-112	14	20	
3,3'-Dichlorobenzidine	1.50	0.33	mg/kg wet	1.667		90	51-161	9	20	
3/4-Methylphenol	1.25	0.33	mg/kg wet	1.667		75	56-111	17	20	
4,6-Dinitro-2-methylphenol	1.39	0.33	mg/kg wet	1.667		83	46-148	0.6	20	
4-Bromophenyl phenyl ether	1.65	0.33	mg/kg wet	1.667		99	58-137	7	20	
4-Chloro-3-methylphenol	1.43	0.33	mg/kg wet	1.667		86	60-118	11	20	
4-Chloroaniline	1.43	0.33	mg/kg wet	1.667		86	53-144	15	20	
4-Chlorophenyl phenyl ether	1.57	0.33	mg/kg wet	1.667		94	59-131	9	20	
4-Nitrophenol	1.54	0.33	mg/kg wet	1.667		93	48-148	2	20	
Acenaphthene	1.50	0.33	mg/kg wet	1.667		90	62-118	12	20	
Acenaphthylene	1.47	0.33	mg/kg wet	1.667		88	64-116	12	20	
Anthracene	1.66	0.33	mg/kg wet	1.667		99	71-132	8	20	
Azobenzene	1.57	0.33	mg/kg wet	1.667		94	56-125	8	20	
Benzo(a)anthracene	1.64	0.33	mg/kg wet	1.667		98	71-129	7	20	
Benzo(a)pyrene	1.62	0.33	mg/kg wet	1.667		97	74-129	9	20	
Benzo(b)fluoranthene	1.61	0.33	mg/kg wet	1.667		96	63-138	10	20	
Benzo(g,h,i)perylene	1.59	0.33	mg/kg wet	1.667		95	41-154	10	20	
Benzo(k)fluoranthene	1.58	0.33	mg/kg wet	1.667		95	62-145	8	20	
Benzoic Acid	0.372	0.33	mg/kg wet	1.667		22	10-83	14	20	
Benzyl alcohol	1.31	0.33	mg/kg wet	1.667		79	55-112	17	20	
bis(2-Chloroethoxy)methane	1.34	0.33	mg/kg wet	1.667		80	52-118	14	20	
Bis(2-Chloroethyl)ether	1.10	0.33	mg/kg wet	1.667		66	50-116	21	20	D
Bis(2-chloroisopropyl)ether	1.23	0.33	mg/kg wet	1.667		74	48-119	18	20	
Bis(2-Ethylhexyl)phthalate	1.63	0.33	mg/kg wet	1.667		98	62-135	7	20	
Butyl benzyl phthalate	1.59	0.33	mg/kg wet	1.667		96	62-133	7	20	
Chrysene	1.69	0.33	mg/kg wet	1.667		101	72-129	7	20	
Dibenzo(a,h)anthracene	1.62	0.33	mg/kg wet	1.667		97	41-158	9	20	
Dibenzofuran	1.45	0.33	mg/kg wet	1.667		87	64-115	11	20	
Diethyl phthalate	1.56	0.33	mg/kg wet	1.667		94	73-120	7	20	

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Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0016 - 3550C MS										
LCS Dup (P4B0016-BSD1)				Prepared: 02/03/14 Analyzed: 02/04/14						
Dimethyl phthalate	1.53	0.33	mg/kg wet	1.667		92	71-115	7	20	
Di-n-butyl phthalate	1.63	0.33	mg/kg wet	1.667		98	68-127	6	20	
Di-n-octyl phthalate	1.54	0.33	mg/kg wet	1.667		92	53-150	9	20	
Fluoranthene	1.65	0.33	mg/kg wet	1.667		99	64-136	7	20	
Fluorene	1.54	0.33	mg/kg wet	1.667		92	67-120	9	20	
Hexachlorobenzene	1.55	0.33	mg/kg wet	1.667		93	63-134	8	20	
Hexachlorobutadiene	1.18	0.33	mg/kg wet	1.667		71	55-112	18	20	
Hexachlorocyclopentadiene	1.64	0.33	mg/kg wet	1.667		98	43-135	15	20	
Hexachloroethane	1.07	0.33	mg/kg wet	1.667		64	49-113	21	20	D
Indeno(1,2,3-cd)pyrene	1.61	0.33	mg/kg wet	1.667		97	40-160	10	20	
Isophorone	1.19	0.33	mg/kg wet	1.667		71	55-118	13	20	
Naphthalene	1.28	0.33	mg/kg wet	1.667		77	62-111	15	20	
Nitrobenzene	1.07	0.33	mg/kg wet	1.667		64	50-116	13	20	
N-Nitroso-di-n-propylamine	1.29	0.33	mg/kg wet	1.667		78	53-113	19	20	
N-Nitrosodiphenylamine	1.66	0.33	mg/kg wet	1.667		100	76-144	7	20	
Pentachlorophenol	1.52	0.33	mg/kg wet	1.667		91	36-145	1	20	
Phenanthrene	1.64	0.33	mg/kg wet	1.667		98	72-123	7	20	
Phenol	1.24	0.33	mg/kg wet	1.667		74	56-108	15	20	
Pyrene	1.68	0.33	mg/kg wet	1.667		101	51-141	8	20	
Surrogate: 2,4,6-Tribromophenol	*3.38*		*mg/kg wet*	*3.333*		*101*	*37-131*			
Surrogate: 2-Fluorobiphenyl	*1.40*		*mg/kg wet*	*1.667*		*84*	*47-130*			
Surrogate: 2-Fluorophenol	*2.48*		*mg/kg wet*	*3.333*		*75*	*44-117*			
Surrogate: Nitrobenzene-d5	*1.23*		*mg/kg wet*	*1.667*		*74*	*45-121*			
Surrogate: Phenol-d5	*2.51*		*mg/kg wet*	*3.333*		*75*	*37-127*			
Surrogate: Terphenyl-d14	*1.59*		*mg/kg wet*	*1.667*		*96*	*38-135*			

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Prism Work Order: 4020008
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Organochlorine Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0032 - 3550C GC										
Blank (P4B0032-BLK1)				Prepared: 02/04/14 Analyzed: 02/07/14						
4,4'-DDD	BRL	0.0020	mg/kg wet							
4,4'-DDE	BRL	0.0020	mg/kg wet							
4,4'-DDT	BRL	0.0030	mg/kg wet							
Aldrin	BRL	0.0020	mg/kg wet							
alpha-BHC	BRL	0.0020	mg/kg wet							
cis-Chlordane	BRL	0.0020	mg/kg wet							
beta-BHC	BRL	0.0020	mg/kg wet							
Chlordane	BRL	0.050	mg/kg wet							
delta-BHC	BRL	0.0020	mg/kg wet							
Dieldrin	BRL	0.0020	mg/kg wet							
Endosulfan I	BRL	0.0020	mg/kg wet							
Endosulfan II	BRL	0.0020	mg/kg wet							
Endosulfan Sulfate	BRL	0.0020	mg/kg wet							
Endrin	BRL	0.0020	mg/kg wet							
Endrin Aldehyde	BRL	0.0020	mg/kg wet							
Endrin Ketone	BRL	0.0020	mg/kg wet							
gamma-BHC	BRL	0.0020	mg/kg wet							
trans-Chlordane	BRL	0.0020	mg/kg wet							
Heptachlor	BRL	0.0020	mg/kg wet							
Heptachlor Epoxide	BRL	0.0020	mg/kg wet							
Methoxychlor	BRL	0.0020	mg/kg wet							
Toxaphene	BRL	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0480*		*mg/kg wet*	*0.03331*		*144*	*26-204*			
Surrogate: Tetrachloro-m-xylene	*0.0293*		*mg/kg wet*	*0.03331*		*88*	*40-162*			
LCS (P4B0032-BS1)				Prepared: 02/04/14 Analyzed: 02/07/14						
4,4'-DDD	0.0427	0.0020	mg/kg wet	0.03332		128	72-142			LH
4,4'-DDE	0.0377	0.0020	mg/kg wet	0.03332		113	74-129			
4,4'-DDT	0.0490	0.0030	mg/kg wet	0.03332		147	75-141			LH
Aldrin	0.0340	0.0020	mg/kg wet	0.03332		102	66-132			
alpha-BHC	0.0327	0.0020	mg/kg wet	0.03332		98	72-126			
cis-Chlordane	0.0327	0.0020	mg/kg wet	0.03332		98	71-132			
beta-BHC	0.0347	0.0020	mg/kg wet	0.03332		104	79-134			
delta-BHC	0.0310	0.0020	mg/kg wet	0.03332		93	74-132			
Dieldrin	0.0343	0.0020	mg/kg wet	0.03332		103	72-136			
Endosulfan I	0.0323	0.0020	mg/kg wet	0.03332		97	74-134			
Endosulfan II	0.0353	0.0020	mg/kg wet	0.03332		106	79-134			
Endosulfan Sulfate	0.0390	0.0020	mg/kg wet	0.03332		117	73-147			
Endrin	0.0450	0.0020	mg/kg wet	0.03332		135	74-147			
Endrin Aldehyde	0.0343	0.0020	mg/kg wet	0.03332		103	73-138			
Endrin Ketone	0.0370	0.0020	mg/kg wet	0.03332		111	84-135			
gamma-BHC	0.0340	0.0020	mg/kg wet	0.03332		102	71-129			
trans-Chlordane	0.0327	0.0020	mg/kg wet	0.03332		98	71-132			
Heptachlor	0.0403	0.0020	mg/kg wet	0.03332		121	72-134			
Heptachlor Epoxide	0.0333	0.0020	mg/kg wet	0.03332		100	73-132			
Methoxychlor	0.0613	0.0020	mg/kg wet	0.03332		184	91-138			LH

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Organochlorine Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0032 - 3550C GC										
LCS (P4B0032-BS1)				Prepared: 02/04/14 Analyzed: 02/07/14						
Surrogate: Decachlorobiphenyl	*0.0523*		*mg/kg wet*	*0.03332*		*157*	*26-204*			
Surrogate: Tetrachloro-m-xylene	*0.0283*		*mg/kg wet*	*0.03332*		*85*	*40-162*			
LCS (P4B0032-BS2)				Prepared: 02/04/14 Analyzed: 02/07/14						
Chlordane	0.353	0.050	mg/kg wet	0.3328		106	50-150			
Surrogate: Decachlorobiphenyl	*0.0539*		*mg/kg wet*	*0.03328*		*162*	*26-204*			
Surrogate: Tetrachloro-m-xylene	*0.0300*		*mg/kg wet*	*0.03328*		*90*	*40-162*			
LCS (P4B0032-BS3)				Prepared: 02/04/14 Analyzed: 02/07/14						
Toxaphene	0.527	0.050	mg/kg wet	0.3328		158	50-150			LH
Surrogate: Decachlorobiphenyl	*0.0473*		*mg/kg wet*	*0.03328*		*142*	*26-204*			
Surrogate: Tetrachloro-m-xylene	*0.0276*		*mg/kg wet*	*0.03328*		*83*	*40-162*			
LCS Dup (P4B0032-BSD1)				Prepared: 02/04/14 Analyzed: 02/07/14						
4,4'-DDD	0.0420	0.0020	mg/kg wet	0.03332		126	72-142	2	20	LH
4,4'-DDE	0.0363	0.0020	mg/kg wet	0.03332		109	74-129	4	20	
4,4'-DDT	0.0490	0.0030	mg/kg wet	0.03332		147	75-141	0	20	LH
Aldrin	0.0317	0.0020	mg/kg wet	0.03332		95	66-132	7	20	
alpha-BHC	0.0300	0.0020	mg/kg wet	0.03332		90	72-126	9	20	
cis-Chlordane	0.0317	0.0020	mg/kg wet	0.03332		95	71-132	3	20	
beta-BHC	0.0330	0.0020	mg/kg wet	0.03332		99	79-134	5	20	
delta-BHC	0.0297	0.0020	mg/kg wet	0.03332		89	74-132	4	20	
Dieldrin	0.0337	0.0020	mg/kg wet	0.03332		101	72-136	2	20	
Endosulfan I	0.0310	0.0020	mg/kg wet	0.03332		93	74-134	4	20	
Endosulfan II	0.0350	0.0020	mg/kg wet	0.03332		105	79-134	0.9	20	
Endosulfan Sulfate	0.0390	0.0020	mg/kg wet	0.03332		117	73-147	0	20	
Endrin	0.0440	0.0020	mg/kg wet	0.03332		132	74-147	2	20	
Endrin Aldehyde	0.0340	0.0020	mg/kg wet	0.03332		102	73-138	1	20	
Endrin Ketone	0.0370	0.0020	mg/kg wet	0.03332		111	84-135	0	20	
gamma-BHC	0.0320	0.0020	mg/kg wet	0.03332		96	71-129	6	20	
trans-Chlordane	0.0313	0.0020	mg/kg wet	0.03332		94	71-132	4	20	
Heptachlor	0.0383	0.0020	mg/kg wet	0.03332		115	72-134	5	20	
Heptachlor Epoxide	0.0320	0.0020	mg/kg wet	0.03332		96	73-132	4	20	
Methoxychlor	0.0620	0.0020	mg/kg wet	0.03332		186	91-138	1	20	LH
Surrogate: Decachlorobiphenyl	*0.0513*		*mg/kg wet*	*0.03332*		*154*	*26-204*			
Surrogate: Tetrachloro-m-xylene	*0.0263*		*mg/kg wet*	*0.03332*		*79*	*40-162*			

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Polychlorinated Biphenyls (PCBs) by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0033 - 3550C GC										
Blank (P4B0033-BLK1)				Prepared & Analyzed: 02/04/14						
Aroclor 1016	BRL	0.050	mg/kg wet							
Aroclor 1221	BRL	0.10	mg/kg wet							
Aroclor 1232	BRL	0.10	mg/kg wet							
Aroclor 1242	BRL	0.050	mg/kg wet							
Aroclor 1248	BRL	0.050	mg/kg wet							
Aroclor 1254	BRL	0.050	mg/kg wet							
Aroclor 1260	BRL	0.050	mg/kg wet							
Surrogate: Tetrachloro-m-xylene	*0.0310*		*mg/kg wet*	*0.03331*		*93*	*36-182*			
Surrogate: Decachlorobiphenyl	*0.0313*		*mg/kg wet*	*0.03331*		*94*	*34-182*			
LCS (P4B0033-BS1)				Prepared & Analyzed: 02/04/14						
Aroclor 1016	0.294	0.050	mg/kg wet	0.3333		88	64-151			
Aroclor 1260	0.288	0.050	mg/kg wet	0.3333		87	45-166			
Surrogate: Tetrachloro-m-xylene	*0.0353*		*mg/kg wet*	*0.03333*		*106*	*36-182*			
Surrogate: Decachlorobiphenyl	*0.0290*		*mg/kg wet*	*0.03333*		*87*	*34-182*			
LCS Dup (P4B0033-BSD1)				Prepared & Analyzed: 02/04/14						
Aroclor 1016	0.299	0.050	mg/kg wet	0.3323		90	64-151	2	50	
Aroclor 1260	0.294	0.050	mg/kg wet	0.3323		88	45-166	2	50	
Surrogate: Tetrachloro-m-xylene	*0.0362*		*mg/kg wet*	*0.03323*		*109*	*36-182*			
Surrogate: Decachlorobiphenyl	*0.0319*		*mg/kg wet*	*0.03323*		*96*	*34-182*			

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0025 - 3050B										
Blank (P4B0025-BLK1)				Prepared & Analyzed: 02/04/14						
Arsenic	BRL	0.25	mg/kg wet							
Barium	BRL	0.50	mg/kg wet							
Cadmium	BRL	0.25	mg/kg wet							
Chromium	BRL	0.25	mg/kg wet							
Lead	BRL	0.25	mg/kg wet							
Selenium	BRL	0.50	mg/kg wet							
Silver	BRL	0.25	mg/kg wet							
LCS (P4B0025-BS1)				Prepared & Analyzed: 02/04/14						
Arsenic	22.4	0.25	mg/kg wet	24.51		91	80-120			
Barium	23.1	0.49	mg/kg wet	24.51		94	80-120			
Cadmium	21.8	0.25	mg/kg wet	24.51		89	80-120			
Chromium	23.2	0.25	mg/kg wet	24.51		95	80-120			
Lead	22.2	0.25	mg/kg wet	24.51		90	80-120			
Selenium	21.1	0.49	mg/kg wet	24.51		86	80-120			
Silver	22.9	0.25	mg/kg wet	24.51		93	80-120			
Batch P4B0029 - 7471B										
Blank (P4B0029-BLK1)				Prepared: 02/03/14 Analyzed: 02/04/14						
Mercury	BRL	0.020	mg/kg wet							
LCS (P4B0029-BS1)				Prepared: 02/03/14 Analyzed: 02/04/14						
Mercury	0.448	0.021	mg/kg wet	0.4386		102	80-120			

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020008
Time Submitted: 1/31/2014 6:10:00PM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0021 - NO PREP										
Blank (P4B0021-BLK1)				Prepared & Analyzed: 02/03/14						
% Solids	100	0.100	% by Weight							
Duplicate (P4B0021-DUP2)		**Source: 4020008-03**		Prepared & Analyzed: 02/03/14						
% Solids	61.4	0.100	% by Weight		61.1			0.5	20	
Batch P4B0057 - NO PREP										
Blank (P4B0057-BLK1)				Prepared: 02/04/14 Analyzed: 02/05/14						
Hexavalent Chromium	BRL	0.40	mg/kg wet							
LCS (P4B0057-BS1)				Prepared: 02/04/14 Analyzed: 02/05/14						
Hexavalent Chromium	15.5	0.40	mg/kg wet	16.00		97	90-110			

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Sample Extraction Data

Prep Method: 3550C GC

Lab Number	Batch	Initial	Final	Date/Time
4020008-01	P4B0032	30.01 g	10 mL	02/04/14 9:30
4020008-02	P4B0032	30.06 g	10 mL	02/04/14 9:30
4020008-03	P4B0032	30.09 g	10 mL	02/04/14 9:30

Prep Method: 3550C GC

Lab Number	Batch	Initial	Final	Date/Time
4020008-01	P4B0033	30.01 g	10 mL	02/04/14 9:30
4020008-02	P4B0033	30.06 g	10 mL	02/04/14 9:30
4020008-03	P4B0033	30.09 g	10 mL	02/04/14 9:30

Prep Method: 3550C MS

Lab Number	Batch	Initial	Final	Date/Time
4020008-01	P4B0016	30.01 g	1 mL	02/04/14 9:05
4020008-02	P4B0016	30.02 g	1 mL	02/04/14 9:05
4020008-03	P4B0016	30.02 g	1 mL	02/04/14 9:05

Prep Method: 3050B

Lab Number	Batch	Initial	Final	Date/Time
4020008-01	P4B0025	1.98 g	50 mL	02/04/14 8:45
4020008-01	P4B0025	1.98 g	50 mL	02/04/14 8:45
4020008-02	P4B0025	1.97 g	50 mL	02/04/14 8:45
4020008-02	P4B0025	1.97 g	50 mL	02/04/14 8:45
4020008-03	P4B0025	1.97 g	50 mL	02/04/14 8:45
4020008-03	P4B0025	1.97 g	50 mL	02/04/14 8:45

Prep Method: 7471B

Lab Number	Batch	Initial	Final	Date/Time
4020008-01	P4B0029	0.6 g	50 mL	02/03/14 12:45
4020008-02	P4B0029	0.56 g	50 mL	02/03/14 12:45
4020008-03	P4B0029	0.58 g	50 mL	02/03/14 12:45

Prep Method: 5035

Lab Number	Batch	Initial	Final	Date/Time
4020008-01	P4B0152	5.36 g	5 mL	02/11/14 14:39
4020008-02	P4B0223	4.83 g	5 mL	02/12/14 9:53
4020008-03	P4B0223	5.07 g	5 mL	02/12/14 9:53

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
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CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: 828 MARTIN LUTHER KING JR BLVD
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: FALCON
Address: 1210 TRINITY RD, RALEIGH NC

Client Company Name: FALCON ENGINEERING
Report To/Contact Name: JOSH DUNBAR
Reporting Address: ~~Address~~ 1210 TRINITY RD
RALEIGH NC
Phone: _____ Fax (Yes) (No): _____
Email Address: JDUNBAR@FALCONENGINEERS.COM
EDD Type: PDF ✓ Excel ___ Other _____
Site Location Name: 828 MLK JR BLVD
Site Location Physical Address: 828 MLK JR BLVD

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IRT-10 Observed: 5.0 °C / Corr: 5.3 °C

Purchase Order No./Billing Reference _____

Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved

Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC ___ DoD ___ FL ___ NC ✓ ___
SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ___
Sample Iced Upon Collection: YES ___ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSIS REQUESTED 6260	6270	6010	8021	METALS (RCRA + Hex Cr)	REMARKS	PRISM LAB ID NO.
S-5	1-31-14	1000	SOIL	Comp/G				X	X	X	X	X	X	01
S-6	1-31-14	1030	SOIL					X	X	X	X	X	X	02
S-7	1-31-14	1100	SOIL	↓				X	X	X	X	X	X	03

Sampler's Signature Justin Williams Sampled By (Print Name) JUSTIN WILLIAMS Affiliation FALCON ENGINEERING

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) Justin Williams	Received By: (Signature)	1/31/14	14:40
Relinquished By: (Signature)	Received By: (Signature)	1/31/14	1525
Relinquished By: (Signature)	Received For Prism Laboratories By:	1/31/14	1610

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other _____

COC Group No. 402048

Additional Comments:

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

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ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

02/21/2014

Falcon Engineering
Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Lab Submittal Date: 02/06/2014
Prism Work Order: 4020095

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Angela D. Overcash

VP Laboratory Services

Reviewed By Angela D. Overcash

VP Laboratory Services

Data Qualifiers Key Reference:

A	Sample color required color blank.
Aa	Sample color required color blank. correction.
CCV	CCV result is above the control limits. Analyte not detected in the sample. No further action taken.
D	RPD value outside of the control limits.
ICV	ICV result is above the control limits. Analyte not detected in the sample. No further action taken.
P	Recovery outside of the QC limits due to inconsistency during extraction and chromatographic performance of this compound.
SE	Surrogate recovery outside the QC limits due to emulsion.
SR	Surrogate recovery outside the QC limits.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

02/21/2014

Prism Work Order: 4020095

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
MW-4	4020095-01	Water	02/05/14	02/06/14
MW-3	4020095-02	Water	02/05/14	02/06/14
BC-2	4020095-03	Water	02/05/14	02/06/14
BC-1	4020095-04	Water	02/05/14	02/06/14
MW-3-A	4020095-05	Water	02/05/14	02/06/14

Samples were received in good condition at 3.2 degrees C unless otherwise noted.

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Summary of Detections

02/21/2014

Prism Work Order: 4020095

Prism ID	Client ID	Parameter	Method	Result	Units
4020095-01	MW-4	Mercury	*7470A	0.0014	mg/L
4020095-01	MW-4	Arsenic	*6010C	0.14	mg/L
4020095-01	MW-4	Barium	*6010C	6.5	mg/L
4020095-01	MW-4	Cadmium	*6010C	0.0017	mg/L
4020095-01	MW-4	Chromium	*6010C	0.93	mg/L
4020095-01	MW-4	Lead	*6010C	0.25	mg/L
4020095-01	MW-4	Selenium	*6010C	0.099	mg/L
4020095-02	MW-3	Barium	*6010C	0.16	mg/L
4020095-03	BC-2	Barium	*6010C	0.024	mg/L
4020095-04	BC-1	Barium	*6010C	0.024	mg/L
4020095-05	MW-3-A	Barium	*6010C	0.25	mg/L
4020095-05	MW-3-A	Chromium	*6010C	0.024	mg/L

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4020095-01
Prism Work Order: 4020095
Time Collected: 02/05/14 14:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
Hexavalent Chromium	BRL Aa	mg/L	0.010	0.0026	1	*SM3500-Cr B	2/6/14 11:45	CDE	P4B0080
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	ug/L	0.050	0.0036	1	8081B	2/19/14 20:49	JMV	P4B0132
4,4'-DDE	BRL	ug/L	0.050	0.0038	1	8081B	2/19/14 20:49	JMV	P4B0132
4,4'-DDT	BRL	ug/L	0.050	0.021	1	8081B	2/19/14 20:49	JMV	P4B0132
Aldrin	BRL	ug/L	0.050	0.010	1	8081B	2/19/14 20:49	JMV	P4B0132
alpha-BHC	BRL CCV	ug/L	0.050	0.0044	1	8081B	2/19/14 20:49	JMV	P4B0132
cis-Chlordane	BRL CCV	ug/L	0.050	0.0070	1	8081B	2/19/14 20:49	JMV	P4B0132
beta-BHC	BRL	ug/L	0.050	0.0066	1	8081B	2/19/14 20:49	JMV	P4B0132
Chlordane	BRL	ug/L	0.50	0.14	1	8081B	2/19/14 20:49	JMV	P4B0132
delta-BHC	BRL	ug/L	0.050	0.0033	1	8081B	2/19/14 20:49	JMV	P4B0132
Dieldrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 20:49	JMV	P4B0132
Endosulfan I	BRL CCV	ug/L	0.050	0.0084	1	8081B	2/19/14 20:49	JMV	P4B0132
Endosulfan II	BRL	ug/L	0.050	0.0047	1	8081B	2/19/14 20:49	JMV	P4B0132
Endosulfan Sulfate	BRL CCV	ug/L	0.050	0.0047	1	8081B	2/19/14 20:49	JMV	P4B0132
Endrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 20:49	JMV	P4B0132
Endrin Aldehyde	BRL	ug/L	0.050	0.0053	1	8081B	2/19/14 20:49	JMV	P4B0132
Endrin Ketone	BRL CCV	ug/L	0.050	0.0043	1	8081B	2/19/14 20:49	JMV	P4B0132
gamma-BHC	BRL CCV	ug/L	0.050	0.0049	1	8081B	2/19/14 20:49	JMV	P4B0132
trans-Chlordane	BRL	ug/L	0.050	0.0060	1	8081B	2/19/14 20:49	JMV	P4B0132
Heptachlor	BRL	ug/L	0.050	0.0077	1	8081B	2/19/14 20:49	JMV	P4B0132
Heptachlor Epoxide	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 20:49	JMV	P4B0132
Methoxychlor	BRL	ug/L	0.050	0.0087	1	8081B	2/19/14 20:49	JMV	P4B0132
Toxaphene	BRL	ug/L	0.50	0.15	1	8081B	2/19/14 20:49	JMV	P4B0132

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*79 %*	*13-186*
Tetrachloro-m-xylene	*90 %*	*40-134*

Polychlorinated Biphenyls (PCBs) by GC/ECD									
Aroclor 1016	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 5:31	JMV	P4B0133
Aroclor 1221	BRL	ug/L	1.0	0.11	1	8082A	2/12/14 5:31	JMV	P4B0133
Aroclor 1232	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 5:31	JMV	P4B0133
Aroclor 1242	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 5:31	JMV	P4B0133
Aroclor 1248	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 5:31	JMV	P4B0133
Aroclor 1254	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 5:31	JMV	P4B0133
Aroclor 1260	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 5:31	JMV	P4B0133

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*82 %*	*30-161*
Decachlorobiphenyl	*43 %*	*32-178*

Semivolatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	ug/L	10	2.2	1	8270D	2/11/14 19:44	KC	P4B0157
1,2-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4020095-01
Prism Work Order: 4020095
Time Collected: 02/05/14 14:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,3-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
1,4-Dichlorobenzene	BRL	ug/L	10	2.0	1	8270D	2/11/14 19:44	KC	P4B0157
1-Methylnaphthalene	BRL	ug/L	10	2.5	1	8270D	2/11/14 19:44	KC	P4B0157
2,4,5-Trichlorophenol	BRL	ug/L	10	2.5	1	8270D	2/11/14 19:44	KC	P4B0157
2,4,6-Trichlorophenol	BRL	ug/L	10	2.3	1	8270D	2/11/14 19:44	KC	P4B0157
2,4-Dichlorophenol	BRL	ug/L	10	2.4	1	8270D	2/11/14 19:44	KC	P4B0157
2,4-Dimethylphenol	BRL	ug/L	10	2.4	1	8270D	2/11/14 19:44	KC	P4B0157
2,4-Dinitrophenol	BRL	ug/L	10	2.4	1	8270D	2/11/14 19:44	KC	P4B0157
2,4-Dinitrotoluene	BRL	ug/L	10	0.95	1	8270D	2/11/14 19:44	KC	P4B0157
2,6-Dinitrotoluene	BRL	ug/L	10	1.6	1	8270D	2/11/14 19:44	KC	P4B0157
2-Chloronaphthalene	BRL	ug/L	10	2.3	1	8270D	2/11/14 19:44	KC	P4B0157
2-Chlorophenol	BRL	ug/L	10	2.1	1	8270D	2/11/14 19:44	KC	P4B0157
2-Methylnaphthalene	BRL	ug/L	10	2.6	1	8270D	2/11/14 19:44	KC	P4B0157
2-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/11/14 19:44	KC	P4B0157
2-Nitroaniline	BRL	ug/L	10	1.9	1	8270D	2/11/14 19:44	KC	P4B0157
2-Nitrophenol	BRL	ug/L	10	2.5	1	8270D	2/11/14 19:44	KC	P4B0157
3,3'-Dichlorobenzidine	BRL	ug/L	10	0.96	1	8270D	2/11/14 19:44	KC	P4B0157
3/4-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/11/14 19:44	KC	P4B0157
3-Nitroaniline	BRL	ug/L	10	1.3	1	8270D	2/11/14 19:44	KC	P4B0157
4,6-Dinitro-2-methylphenol	BRL CCV	ug/L	10	2.7	1	8270D	2/11/14 19:44	KC	P4B0157
4-Bromophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
4-Chloro-3-methylphenol	BRL	ug/L	10	2.3	1	8270D	2/11/14 19:44	KC	P4B0157
4-Chloroaniline	BRL CCV	ug/L	10	2.5	1	8270D	2/11/14 19:44	KC	P4B0157
4-Chlorophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
4-Nitroaniline	BRL	ug/L	10	0.91	1	8270D	2/11/14 19:44	KC	P4B0157
4-Nitrophenol	BRL	ug/L	10	2.6	1	8270D	2/11/14 19:44	KC	P4B0157
Acenaphthene	BRL	ug/L	10	2.1	1	8270D	2/11/14 19:44	KC	P4B0157
Acenaphthylene	BRL	ug/L	10	2.2	1	8270D	2/11/14 19:44	KC	P4B0157
Aniline	BRL	ug/L	10	2.2	1	8270D	2/11/14 19:44	KC	P4B0157
Anthracene	BRL	ug/L	10	1.2	1	8270D	2/11/14 19:44	KC	P4B0157
Azobenzene	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
Benzo(a)anthracene	BRL	ug/L	10	0.95	1	8270D	2/11/14 19:44	KC	P4B0157
Benzo(a)pyrene	BRL	ug/L	10	1.1	1	8270D	2/11/14 19:44	KC	P4B0157
Benzo(b)fluoranthene	BRL	ug/L	10	1.4	1	8270D	2/11/14 19:44	KC	P4B0157
Benzo(g,h,i)perylene	BRL	ug/L	10	2.1	1	8270D	2/11/14 19:44	KC	P4B0157
Benzo(k)fluoranthene	BRL	ug/L	10	1.1	1	8270D	2/11/14 19:44	KC	P4B0157
Benzoic Acid	BRL	ug/L	100	50	1	8270D	2/11/14 19:44	KC	P4B0157
Benzyl alcohol	BRL	ug/L	10	2.1	1	8270D	2/11/14 19:44	KC	P4B0157
bis(2-Chloroethoxy)methane	BRL	ug/L	10	2.2	1	8270D	2/11/14 19:44	KC	P4B0157
Bis(2-Chloroethyl)ether	BRL	ug/L	10	1.9	1	8270D	2/11/14 19:44	KC	P4B0157
Bis(2-chloroisopropyl)ether	BRL CCV	ug/L	10	2.3	1	8270D	2/11/14 19:44	KC	P4B0157
Bis(2-Ethylhexyl)phthalate	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
Butyl benzyl phthalate	BRL	ug/L	10	1.5	1	8270D	2/11/14 19:44	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4020095-01
Prism Work Order: 4020095
Time Collected: 02/05/14 14:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chrysene	BRL	ug/L	10	1.2	1	8270D	2/11/14 19:44	KC	P4B0157
Dibenzo(a,h)anthracene	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
Dibenzofuran	BRL	ug/L	10	2.2	1	8270D	2/11/14 19:44	KC	P4B0157
Diethyl phthalate	BRL	ug/L	10	1.4	1	8270D	2/11/14 19:44	KC	P4B0157
Dimethyl phthalate	BRL	ug/L	10	1.6	1	8270D	2/11/14 19:44	KC	P4B0157
Di-n-butyl phthalate	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
Di-n-octyl phthalate	BRL	ug/L	10	1.9	1	8270D	2/11/14 19:44	KC	P4B0157
Fluoranthene	BRL	ug/L	10	0.94	1	8270D	2/11/14 19:44	KC	P4B0157
Fluorene	BRL	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
Hexachlorobenzene	BRL	ug/L	10	1.4	1	8270D	2/11/14 19:44	KC	P4B0157
Hexachlorobutadiene	BRL	ug/L	10	2.3	1	8270D	2/11/14 19:44	KC	P4B0157
Hexachlorocyclopentadiene	BRL CCV, ICV	ug/L	10	1.8	1	8270D	2/11/14 19:44	KC	P4B0157
Hexachloroethane	BRL	ug/L	10	1.9	1	8270D	2/11/14 19:44	KC	P4B0157
Indeno(1,2,3-cd)pyrene	BRL	ug/L	10	1.6	1	8270D	2/11/14 19:44	KC	P4B0157
Isophorone	BRL CCV	ug/L	10	2.4	1	8270D	2/11/14 19:44	KC	P4B0157
Naphthalene	BRL	ug/L	10	2.3	1	8270D	2/11/14 19:44	KC	P4B0157
Nitrobenzene	BRL	ug/L	10	2.0	1	8270D	2/11/14 19:44	KC	P4B0157
N-Nitroso-di-n-propylamine	BRL	ug/L	10	2.3	1	8270D	2/11/14 19:44	KC	P4B0157
N-Nitrosodiphenylamine	BRL	ug/L	10	1.6	1	8270D	2/11/14 19:44	KC	P4B0157
Pentachlorophenol	BRL	ug/L	10	1.6	1	8270D	2/11/14 19:44	KC	P4B0157
Phenanthrene	BRL	ug/L	10	1.2	1	8270D	2/11/14 19:44	KC	P4B0157
Phenol	BRL	ug/L	10	2.2	1	8270D	2/11/14 19:44	KC	P4B0157
Pyrene	BRL	ug/L	10	1.4	1	8270D	2/11/14 19:44	KC	P4B0157

Surrogate	Recovery	Control Limits
2,4,6-Tribromophenol	*73 %*	*49-109*
2-Fluorobiphenyl	*58 %*	*55-96*
2-Fluorophenol	*35 %*	*27-74*
Nitrobenzene-d5	*65 %*	*53-99*
Phenol-d5	*24 %*	*11-52*
Terphenyl-d14	*70 %*	*42-133*

Total Metals

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Mercury	**0.0014**	**mg/L**	**0.00020**	**0.000012**	**1**	***7470A**	**2/18/14 16:53**	**MEH**	**P4B0278**
Arsenic	**0.14**	**mg/L**	**0.010**	**0.0016**	**1**	***6010C**	**2/7/14 17:01**	**BGM**	**P4B0106**
Barium	**6.5**	**mg/L**	**0.10**	**0.031**	**10**	***6010C**	**2/10/14 19:24**	**BGM**	**P4B0106**
Cadmium	**0.0017**	**mg/L**	**0.0010**	**0.000039**	**1**	***6010C**	**2/7/14 17:01**	**BGM**	**P4B0106**
Chromium	**0.93**	**mg/L**	**0.0050**	**0.00036**	**1**	***6010C**	**2/7/14 17:01**	**BGM**	**P4B0106**
Lead	**0.25**	**mg/L**	**0.0050**	**0.00039**	**1**	***6010C**	**2/7/14 17:01**	**BGM**	**P4B0106**
Selenium	**0.099**	**mg/L**	**0.020**	**0.0037**	**1**	***6010C**	**2/7/14 17:01**	**BGM**	**P4B0106**
Silver	BRL	mg/L	0.0050	0.00012	1	*6010C	2/7/14 17:01	BGM	P4B0106

Volatile Organic Compounds by GC/MS

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	2/6/14 19:00	VHL	P4B0098
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	2/6/14 19:00	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4020095-01
Prism Work Order: 4020095
Time Collected: 02/05/14 14:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	2/6/14 19:00	VHL	P4B0098
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	2/6/14 19:00	VHL	P4B0098
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	2/6/14 19:00	VHL	P4B0098
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	2/6/14 19:00	VHL	P4B0098
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 19:00	VHL	P4B0098
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:00	VHL	P4B0098
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	2/6/14 19:00	VHL	P4B0098
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	2/6/14 19:00	VHL	P4B0098
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 19:00	VHL	P4B0098
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	2/6/14 19:00	VHL	P4B0098
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	2/6/14 19:00	VHL	P4B0098
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	2/6/14 19:00	VHL	P4B0098
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	2/6/14 19:00	VHL	P4B0098
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	2/6/14 19:00	VHL	P4B0098
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	2/6/14 19:00	VHL	P4B0098
Acetone	BRL	ug/L	5.0	0.62	1	8260B	2/6/14 19:00	VHL	P4B0098
Acrolein	BRL	ug/L	20	1.1	1	8260B	2/6/14 19:00	VHL	P4B0098
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	2/6/14 19:00	VHL	P4B0098
Benzene	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 19:00	VHL	P4B0098
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	2/6/14 19:00	VHL	P4B0098
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:00	VHL	P4B0098
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	2/6/14 19:00	VHL	P4B0098
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	2/6/14 19:00	VHL	P4B0098
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	2/6/14 19:00	VHL	P4B0098
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	2/6/14 19:00	VHL	P4B0098
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 19:00	VHL	P4B0098
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 19:00	VHL	P4B0098
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:00	VHL	P4B0098
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	2/6/14 19:00	VHL	P4B0098
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 19:00	VHL	P4B0098
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 19:00	VHL	P4B0098
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	2/6/14 19:00	VHL	P4B0098
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	2/6/14 19:00	VHL	P4B0098
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:00	VHL	P4B0098
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 19:00	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4020095-01
Prism Work Order: 4020095
Time Collected: 02/05/14 14:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	2/6/14 19:00	VHL	P4B0098
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	2/6/14 19:00	VHL	P4B0098
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 19:00	VHL	P4B0098
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 19:00	VHL	P4B0098
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 19:00	VHL	P4B0098
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	2/6/14 19:00	VHL	P4B0098
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	2/6/14 19:00	VHL	P4B0098
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	2/6/14 19:00	VHL	P4B0098
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	2/6/14 19:00	VHL	P4B0098
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	2/6/14 19:00	VHL	P4B0098
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	2/6/14 19:00	VHL	P4B0098
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 19:00	VHL	P4B0098
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	2/6/14 19:00	VHL	P4B0098
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	2/6/14 19:00	VHL	P4B0098
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	2/6/14 19:00	VHL	P4B0098
Styrene	BRL	ug/L	0.50	0.047	1	8260B	2/6/14 19:00	VHL	P4B0098
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	2/6/14 19:00	VHL	P4B0098
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	2/6/14 19:00	VHL	P4B0098
Toluene	BRL	ug/L	0.50	0.042	1	8260B	2/6/14 19:00	VHL	P4B0098
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 19:00	VHL	P4B0098
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 19:00	VHL	P4B0098
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	2/6/14 19:00	VHL	P4B0098
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	2/6/14 19:00	VHL	P4B0098
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	2/6/14 19:00	VHL	P4B0098
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	2/6/14 19:00	VHL	P4B0098
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	2/6/14 19:00	VHL	P4B0098

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*111 %*	*75-129*
Toluene-d8	*107 %*	*77-123*

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 4020095-02
Prism Work Order: 4020095
Time Collected: 02/05/14 15:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
Hexavalent Chromium	BRL	mg/L	0.010	0.0026	1	*SM3500-Cr B	2/6/14 11:45	CDE	P4B0080
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	ug/L	0.050	0.0036	1	8081B	2/19/14 21:31	JMV	P4B0132
4,4'-DDE	BRL	ug/L	0.050	0.0038	1	8081B	2/19/14 21:31	JMV	P4B0132
4,4'-DDT	BRL	ug/L	0.050	0.021	1	8081B	2/19/14 21:31	JMV	P4B0132
Aldrin	BRL	ug/L	0.050	0.010	1	8081B	2/19/14 21:31	JMV	P4B0132
alpha-BHC	BRL CCV	ug/L	0.050	0.0044	1	8081B	2/19/14 21:31	JMV	P4B0132
cis-Chlordane	BRL CCV	ug/L	0.050	0.0070	1	8081B	2/19/14 21:31	JMV	P4B0132
beta-BHC	BRL	ug/L	0.050	0.0066	1	8081B	2/19/14 21:31	JMV	P4B0132
Chlordane	BRL	ug/L	0.50	0.14	1	8081B	2/19/14 21:31	JMV	P4B0132
delta-BHC	BRL	ug/L	0.050	0.0033	1	8081B	2/19/14 21:31	JMV	P4B0132
Dieldrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 21:31	JMV	P4B0132
Endosulfan I	BRL CCV	ug/L	0.050	0.0084	1	8081B	2/19/14 21:31	JMV	P4B0132
Endosulfan II	BRL	ug/L	0.050	0.0047	1	8081B	2/19/14 21:31	JMV	P4B0132
Endosulfan Sulfate	BRL CCV	ug/L	0.050	0.0047	1	8081B	2/19/14 21:31	JMV	P4B0132
Endrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 21:31	JMV	P4B0132
Endrin Aldehyde	BRL	ug/L	0.050	0.0053	1	8081B	2/19/14 21:31	JMV	P4B0132
Endrin Ketone	BRL CCV	ug/L	0.050	0.0043	1	8081B	2/19/14 21:31	JMV	P4B0132
gamma-BHC	BRL CCV	ug/L	0.050	0.0049	1	8081B	2/19/14 21:31	JMV	P4B0132
trans-Chlordane	BRL	ug/L	0.050	0.0060	1	8081B	2/19/14 21:31	JMV	P4B0132
Heptachlor	BRL	ug/L	0.050	0.0077	1	8081B	2/19/14 21:31	JMV	P4B0132
Heptachlor Epoxide	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 21:31	JMV	P4B0132
Methoxychlor	BRL	ug/L	0.050	0.0087	1	8081B	2/19/14 21:31	JMV	P4B0132
Toxaphene	BRL	ug/L	0.50	0.15	1	8081B	2/19/14 21:31	JMV	P4B0132

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*92 %*	*13-186*
Tetrachloro-m-xylene	*96 %*	*40-134*

Polychlorinated Biphenyls (PCBs) by GC/ECD									
Aroclor 1016	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 6:14	JMV	P4B0133
Aroclor 1221	BRL	ug/L	1.0	0.11	1	8082A	2/12/14 6:14	JMV	P4B0133
Aroclor 1232	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 6:14	JMV	P4B0133
Aroclor 1242	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 6:14	JMV	P4B0133
Aroclor 1248	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 6:14	JMV	P4B0133
Aroclor 1254	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 6:14	JMV	P4B0133
Aroclor 1260	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 6:14	JMV	P4B0133

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*93 %*	*30-161*
Decachlorobiphenyl	*39 %*	*32-178*

Semivolatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:26	KC	P4B0157
1,2-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 4020095-02
Prism Work Order: 4020095
Time Collected: 02/05/14 15:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,3-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
1,4-Dichlorobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 18:26	KC	P4B0157
1-Methylnaphthalene	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:26	KC	P4B0157
2,4,5-Trichlorophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:26	KC	P4B0157
2,4,6-Trichlorophenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:26	KC	P4B0157
2,4-Dichlorophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:26	KC	P4B0157
2,4-Dimethylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:26	KC	P4B0157
2,4-Dinitrophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:26	KC	P4B0157
2,4-Dinitrotoluene	BRL	ug/L	10	0.95	1	8270D	2/14/14 18:26	KC	P4B0157
2,6-Dinitrotoluene	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:26	KC	P4B0157
2-Chloronaphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:26	KC	P4B0157
2-Chlorophenol	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:26	KC	P4B0157
2-Methylnaphthalene	BRL	ug/L	10	2.6	1	8270D	2/14/14 18:26	KC	P4B0157
2-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:26	KC	P4B0157
2-Nitroaniline	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:26	KC	P4B0157
2-Nitrophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:26	KC	P4B0157
3,3'-Dichlorobenzidine	BRL	ug/L	10	0.96	1	8270D	2/14/14 18:26	KC	P4B0157
3/4-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:26	KC	P4B0157
3-Nitroaniline	BRL	ug/L	10	1.3	1	8270D	2/14/14 18:26	KC	P4B0157
4,6-Dinitro-2-methylphenol	BRL	ug/L	10	2.7	1	8270D	2/14/14 18:26	KC	P4B0157
4-Bromophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
4-Chloro-3-methylphenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:26	KC	P4B0157
4-Chloroaniline	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:26	KC	P4B0157
4-Chlorophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
4-Nitroaniline	BRL	ug/L	10	0.91	1	8270D	2/14/14 18:26	KC	P4B0157
4-Nitrophenol	BRL	ug/L	10	2.6	1	8270D	2/14/14 18:26	KC	P4B0157
Acenaphthene	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:26	KC	P4B0157
Acenaphthylene	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:26	KC	P4B0157
Aniline	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:26	KC	P4B0157
Anthracene	BRL	ug/L	10	1.2	1	8270D	2/14/14 18:26	KC	P4B0157
Azobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
Benzo(a)anthracene	BRL	ug/L	10	0.95	1	8270D	2/14/14 18:26	KC	P4B0157
Benzo(a)pyrene	BRL	ug/L	10	1.1	1	8270D	2/14/14 18:26	KC	P4B0157
Benzo(b)fluoranthene	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:26	KC	P4B0157
Benzo(g,h,i)perylene	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:26	KC	P4B0157
Benzo(k)fluoranthene	BRL	ug/L	10	1.1	1	8270D	2/14/14 18:26	KC	P4B0157
Benzoic Acid	BRL	ug/L	100	50	1	8270D	2/14/14 18:26	KC	P4B0157
Benzyl alcohol	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:26	KC	P4B0157
bis(2-Chloroethoxy)methane	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:26	KC	P4B0157
Bis(2-Chloroethyl)ether	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:26	KC	P4B0157
Bis(2-chloroisopropyl)ether	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:26	KC	P4B0157
Bis(2-Ethylhexyl)phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
Butyl benzyl phthalate	BRL	ug/L	10	1.5	1	8270D	2/14/14 18:26	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 4020095-02
Prism Work Order: 4020095
Time Collected: 02/05/14 15:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chrysene	BRL	ug/L	10	1.2	1	8270D	2/14/14 18:26	KC	P4B0157
Dibenzo(a,h)anthracene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
Dibenzofuran	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:26	KC	P4B0157
Diethyl phthalate	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:26	KC	P4B0157
Dimethyl phthalate	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:26	KC	P4B0157
Di-n-butyl phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
Di-n-octyl phthalate	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:26	KC	P4B0157
Fluoranthene	BRL	ug/L	10	0.94	1	8270D	2/14/14 18:26	KC	P4B0157
Fluorene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
Hexachlorobenzene	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:26	KC	P4B0157
Hexachlorobutadiene	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:26	KC	P4B0157
Hexachlorocyclopentadiene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:26	KC	P4B0157
Hexachloroethane	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:26	KC	P4B0157
Indeno(1,2,3-cd)pyrene	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:26	KC	P4B0157
Isophorone	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:26	KC	P4B0157
Naphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:26	KC	P4B0157
Nitrobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 18:26	KC	P4B0157
N-Nitroso-di-n-propylamine	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:26	KC	P4B0157
N-Nitrosodiphenylamine	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:26	KC	P4B0157
Pentachlorophenol	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:26	KC	P4B0157
Phenanthrene	BRL	ug/L	10	1.2	1	8270D	2/14/14 18:26	KC	P4B0157
Phenol	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:26	KC	P4B0157
Pyrene	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:26	KC	P4B0157

Surrogate	Recovery	Control Limits	
2,4,6-Tribromophenol	*18 %*	*49-109*	*SE*
2-Fluorobiphenyl	*38 %*	*55-96*	*SE*
2-Fluorophenol	*12 %*	*27-74*	*SE*
Nitrobenzene-d5	*42 %*	*53-99*	*SE*
Phenol-d5	*8 %*	*11-52*	*SE*
Terphenyl-d14	*43 %*	*42-133*	

Total Metals

Mercury	BRL	mg/L	0.00020	0.000012	1	*7470A	2/18/14 16:56	MEH	P4B0278
Arsenic	BRL	mg/L	0.010	0.0016	1	*6010C	2/7/14 16:39	BGM	P4B0106
Barium	**0.16**	**mg/L**	**0.010**	**0.0031**	**1**	***6010C**	**2/7/14 16:39**	**BGM**	**P4B0106**
Cadmium	BRL	mg/L	0.0010	0.000039	1	*6010C	2/7/14 16:39	BGM	P4B0106
Chromium	BRL	mg/L	0.0050	0.00036	1	*6010C	2/7/14 16:39	BGM	P4B0106
Lead	BRL	mg/L	0.0050	0.00039	1	*6010C	2/7/14 16:39	BGM	P4B0106
Selenium	BRL	mg/L	0.020	0.0037	1	*6010C	2/7/14 16:39	BGM	P4B0106
Silver	BRL	mg/L	0.0050	0.00012	1	*6010C	2/7/14 16:39	BGM	P4B0106

Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	2/6/14 19:26	VHL	P4B0098
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	2/6/14 19:26	VHL	P4B0098
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	2/6/14 19:26	VHL	P4B0098

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Falcon Engineering
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Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 4020095-02
Prism Work Order: 4020095
Time Collected: 02/05/14 15:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	2/6/14 19:26	VHL	P4B0098
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	2/6/14 19:26	VHL	P4B0098
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	2/6/14 19:26	VHL	P4B0098
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 19:26	VHL	P4B0098
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:26	VHL	P4B0098
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	2/6/14 19:26	VHL	P4B0098
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	2/6/14 19:26	VHL	P4B0098
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 19:26	VHL	P4B0098
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	2/6/14 19:26	VHL	P4B0098
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	2/6/14 19:26	VHL	P4B0098
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	2/6/14 19:26	VHL	P4B0098
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	2/6/14 19:26	VHL	P4B0098
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	2/6/14 19:26	VHL	P4B0098
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	2/6/14 19:26	VHL	P4B0098
Acetone	BRL	ug/L	5.0	0.62	1	8260B	2/6/14 19:26	VHL	P4B0098
Acrolein	BRL	ug/L	20	1.1	1	8260B	2/6/14 19:26	VHL	P4B0098
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	2/6/14 19:26	VHL	P4B0098
Benzene	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 19:26	VHL	P4B0098
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	2/6/14 19:26	VHL	P4B0098
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:26	VHL	P4B0098
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	2/6/14 19:26	VHL	P4B0098
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	2/6/14 19:26	VHL	P4B0098
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	2/6/14 19:26	VHL	P4B0098
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	2/6/14 19:26	VHL	P4B0098
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 19:26	VHL	P4B0098
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 19:26	VHL	P4B0098
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:26	VHL	P4B0098
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	2/6/14 19:26	VHL	P4B0098
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 19:26	VHL	P4B0098
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 19:26	VHL	P4B0098
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	2/6/14 19:26	VHL	P4B0098
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	2/6/14 19:26	VHL	P4B0098
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:26	VHL	P4B0098
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 19:26	VHL	P4B0098
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	2/6/14 19:26	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 4020095-02
Prism Work Order: 4020095
Time Collected: 02/05/14 15:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	2/6/14 19:26	VHL	P4B0098
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 19:26	VHL	P4B0098
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 19:26	VHL	P4B0098
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 19:26	VHL	P4B0098
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	2/6/14 19:26	VHL	P4B0098
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	2/6/14 19:26	VHL	P4B0098
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	2/6/14 19:26	VHL	P4B0098
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	2/6/14 19:26	VHL	P4B0098
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	2/6/14 19:26	VHL	P4B0098
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	2/6/14 19:26	VHL	P4B0098
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 19:26	VHL	P4B0098
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	2/6/14 19:26	VHL	P4B0098
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	2/6/14 19:26	VHL	P4B0098
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	2/6/14 19:26	VHL	P4B0098
Styrene	BRL	ug/L	0.50	0.047	1	8260B	2/6/14 19:26	VHL	P4B0098
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	2/6/14 19:26	VHL	P4B0098
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	2/6/14 19:26	VHL	P4B0098
Toluene	BRL	ug/L	0.50	0.042	1	8260B	2/6/14 19:26	VHL	P4B0098
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 19:26	VHL	P4B0098
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 19:26	VHL	P4B0098
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	2/6/14 19:26	VHL	P4B0098
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	2/6/14 19:26	VHL	P4B0098
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	2/6/14 19:26	VHL	P4B0098
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	2/6/14 19:26	VHL	P4B0098
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	2/6/14 19:26	VHL	P4B0098

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*109 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*106 %*	*77-123*

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-2
Prism Sample ID: 4020095-03
Prism Work Order: 4020095
Time Collected: 02/05/14 15:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
Hexavalent Chromium	BRL	mg/L	0.010	0.0026	1	*SM3500-Cr B	2/6/14 11:45	CDE	P4B0080
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	ug/L	0.050	0.0036	1	8081B	2/19/14 22:14	JMV	P4B0132
4,4'-DDE	BRL	ug/L	0.050	0.0038	1	8081B	2/19/14 22:14	JMV	P4B0132
4,4'-DDT	BRL	ug/L	0.050	0.021	1	8081B	2/19/14 22:14	JMV	P4B0132
Aldrin	BRL	ug/L	0.050	0.010	1	8081B	2/19/14 22:14	JMV	P4B0132
alpha-BHC	BRL CCV	ug/L	0.050	0.0044	1	8081B	2/19/14 22:14	JMV	P4B0132
cis-Chlordane	BRL CCV	ug/L	0.050	0.0070	1	8081B	2/19/14 22:14	JMV	P4B0132
beta-BHC	BRL	ug/L	0.050	0.0066	1	8081B	2/19/14 22:14	JMV	P4B0132
Chlordane	BRL	ug/L	0.50	0.14	1	8081B	2/19/14 22:14	JMV	P4B0132
delta-BHC	BRL	ug/L	0.050	0.0033	1	8081B	2/19/14 22:14	JMV	P4B0132
Dieldrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 22:14	JMV	P4B0132
Endosulfan I	BRL CCV	ug/L	0.050	0.0084	1	8081B	2/19/14 22:14	JMV	P4B0132
Endosulfan II	BRL	ug/L	0.050	0.0047	1	8081B	2/19/14 22:14	JMV	P4B0132
Endosulfan Sulfate	BRL CCV	ug/L	0.050	0.0047	1	8081B	2/19/14 22:14	JMV	P4B0132
Endrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 22:14	JMV	P4B0132
Endrin Aldehyde	BRL	ug/L	0.050	0.0053	1	8081B	2/19/14 22:14	JMV	P4B0132
Endrin Ketone	BRL CCV	ug/L	0.050	0.0043	1	8081B	2/19/14 22:14	JMV	P4B0132
gamma-BHC	BRL CCV	ug/L	0.050	0.0049	1	8081B	2/19/14 22:14	JMV	P4B0132
trans-Chlordane	BRL	ug/L	0.050	0.0060	1	8081B	2/19/14 22:14	JMV	P4B0132
Heptachlor	BRL	ug/L	0.050	0.0077	1	8081B	2/19/14 22:14	JMV	P4B0132
Heptachlor Epoxide	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 22:14	JMV	P4B0132
Methoxychlor	BRL	ug/L	0.050	0.0087	1	8081B	2/19/14 22:14	JMV	P4B0132
Toxaphene	BRL	ug/L	0.50	0.15	1	8081B	2/19/14 22:14	JMV	P4B0132

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*125 %*	*13-186*
Tetrachloro-m-xylene	*95 %*	*40-134*

Polychlorinated Biphenyls (PCBs) by GC/ECD									
Aroclor 1016	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 6:57	JMV	P4B0133
Aroclor 1221	BRL	ug/L	1.0	0.11	1	8082A	2/12/14 6:57	JMV	P4B0133
Aroclor 1232	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 6:57	JMV	P4B0133
Aroclor 1242	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 6:57	JMV	P4B0133
Aroclor 1248	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 6:57	JMV	P4B0133
Aroclor 1254	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 6:57	JMV	P4B0133
Aroclor 1260	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 6:57	JMV	P4B0133

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*88 %*	*30-161*
Decachlorobiphenyl	*66 %*	*32-178*

Semivolatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:48	KC	P4B0157
1,2-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-2
Prism Sample ID: 4020095-03
Prism Work Order: 4020095
Time Collected: 02/05/14 15:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,3-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
1,4-Dichlorobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 18:48	KC	P4B0157
1-Methylnaphthalene	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:48	KC	P4B0157
2,4,5-Trichlorophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:48	KC	P4B0157
2,4,6-Trichlorophenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:48	KC	P4B0157
2,4-Dichlorophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:48	KC	P4B0157
2,4-Dimethylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:48	KC	P4B0157
2,4-Dinitrophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:48	KC	P4B0157
2,4-Dinitrotoluene	BRL	ug/L	10	0.95	1	8270D	2/14/14 18:48	KC	P4B0157
2,6-Dinitrotoluene	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:48	KC	P4B0157
2-Chloronaphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:48	KC	P4B0157
2-Chlorophenol	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:48	KC	P4B0157
2-Methylnaphthalene	BRL	ug/L	10	2.6	1	8270D	2/14/14 18:48	KC	P4B0157
2-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:48	KC	P4B0157
2-Nitroaniline	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:48	KC	P4B0157
2-Nitrophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:48	KC	P4B0157
3,3'-Dichlorobenzidine	BRL	ug/L	10	0.96	1	8270D	2/14/14 18:48	KC	P4B0157
3/4-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:48	KC	P4B0157
3-Nitroaniline	BRL	ug/L	10	1.3	1	8270D	2/14/14 18:48	KC	P4B0157
4,6-Dinitro-2-methylphenol	BRL	ug/L	10	2.7	1	8270D	2/14/14 18:48	KC	P4B0157
4-Bromophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
4-Chloro-3-methylphenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:48	KC	P4B0157
4-Chloroaniline	BRL	ug/L	10	2.5	1	8270D	2/14/14 18:48	KC	P4B0157
4-Chlorophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
4-Nitroaniline	BRL	ug/L	10	0.91	1	8270D	2/14/14 18:48	KC	P4B0157
4-Nitrophenol	BRL	ug/L	10	2.6	1	8270D	2/14/14 18:48	KC	P4B0157
Acenaphthene	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:48	KC	P4B0157
Acenaphthylene	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:48	KC	P4B0157
Aniline	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:48	KC	P4B0157
Anthracene	BRL	ug/L	10	1.2	1	8270D	2/14/14 18:48	KC	P4B0157
Azobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
Benzo(a)anthracene	BRL	ug/L	10	0.95	1	8270D	2/14/14 18:48	KC	P4B0157
Benzo(a)pyrene	BRL	ug/L	10	1.1	1	8270D	2/14/14 18:48	KC	P4B0157
Benzo(b)fluoranthene	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:48	KC	P4B0157
Benzo(g,h,i)perylene	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:48	KC	P4B0157
Benzo(k)fluoranthene	BRL	ug/L	10	1.1	1	8270D	2/14/14 18:48	KC	P4B0157
Benzoic Acid	BRL	ug/L	100	50	1	8270D	2/14/14 18:48	KC	P4B0157
Benzyl alcohol	BRL	ug/L	10	2.1	1	8270D	2/14/14 18:48	KC	P4B0157
bis(2-Chloroethoxy)methane	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:48	KC	P4B0157
Bis(2-Chloroethyl)ether	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:48	KC	P4B0157
Bis(2-chloroisopropyl)ether	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:48	KC	P4B0157
Bis(2-Ethylhexyl)phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
Butyl benzyl phthalate	BRL	ug/L	10	1.5	1	8270D	2/14/14 18:48	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-2
Prism Sample ID: 4020095-03
Prism Work Order: 4020095
Time Collected: 02/05/14 15:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chrysene	BRL	ug/L	10	1.2	1	8270D	2/14/14 18:48	KC	P4B0157
Dibenzo(a,h)anthracene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
Dibenzofuran	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:48	KC	P4B0157
Diethyl phthalate	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:48	KC	P4B0157
Dimethyl phthalate	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:48	KC	P4B0157
Di-n-butyl phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
Di-n-octyl phthalate	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:48	KC	P4B0157
Fluoranthene	BRL	ug/L	10	0.94	1	8270D	2/14/14 18:48	KC	P4B0157
Fluorene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
Hexachlorobenzene	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:48	KC	P4B0157
Hexachlorobutadiene	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:48	KC	P4B0157
Hexachlorocyclopentadiene	BRL	ug/L	10	1.8	1	8270D	2/14/14 18:48	KC	P4B0157
Hexachloroethane	BRL	ug/L	10	1.9	1	8270D	2/14/14 18:48	KC	P4B0157
Indeno(1,2,3-cd)pyrene	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:48	KC	P4B0157
Isophorone	BRL	ug/L	10	2.4	1	8270D	2/14/14 18:48	KC	P4B0157
Naphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:48	KC	P4B0157
Nitrobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 18:48	KC	P4B0157
N-Nitroso-di-n-propylamine	BRL	ug/L	10	2.3	1	8270D	2/14/14 18:48	KC	P4B0157
N-Nitrosodiphenylamine	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:48	KC	P4B0157
Pentachlorophenol	BRL	ug/L	10	1.6	1	8270D	2/14/14 18:48	KC	P4B0157
Phenanthrene	BRL	ug/L	10	1.2	1	8270D	2/14/14 18:48	KC	P4B0157
Phenol	BRL	ug/L	10	2.2	1	8270D	2/14/14 18:48	KC	P4B0157
Pyrene	BRL	ug/L	10	1.4	1	8270D	2/14/14 18:48	KC	P4B0157

Surrogate	Recovery	Control Limits	
2,4,6-Tribromophenol	*105 %*	*49-109*	
2-Fluorobiphenyl	*89 %*	*55-96*	
2-Fluorophenol	*53 %*	*27-74*	
Nitrobenzene-d5	*100 %*	*53-99*	*SR*
Phenol-d5	*31 %*	*11-52*	
Terphenyl-d14	*103 %*	*42-133*	

Total Metals

Mercury	BRL	mg/L	0.00020	0.000012	1	*7470A	2/18/14 17:00	MEH	P4B0278
Arsenic	BRL	mg/L	0.010	0.0016	1	*6010C	2/7/14 17:08	BGM	P4B0106
Barium	**0.024**	**mg/L**	**0.010**	**0.0031**	**1**	***6010C**	**2/7/14 17:08**	**BGM**	**P4B0106**
Cadmium	BRL	mg/L	0.0010	0.000039	1	*6010C	2/7/14 17:08	BGM	P4B0106
Chromium	BRL	mg/L	0.0050	0.00036	1	*6010C	2/7/14 17:08	BGM	P4B0106
Lead	BRL	mg/L	0.0050	0.00039	1	*6010C	2/7/14 17:08	BGM	P4B0106
Selenium	BRL	mg/L	0.020	0.0037	1	*6010C	2/7/14 17:08	BGM	P4B0106
Silver	BRL	mg/L	0.0050	0.00012	1	*6010C	2/7/14 17:08	BGM	P4B0106

Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	2/6/14 19:52	VHL	P4B0098
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	2/6/14 19:52	VHL	P4B0098
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	2/6/14 19:52	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-2
Prism Sample ID: 4020095-03
Prism Work Order: 4020095
Time Collected: 02/05/14 15:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	2/6/14 19:52	VHL	P4B0098
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	2/6/14 19:52	VHL	P4B0098
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	2/6/14 19:52	VHL	P4B0098
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 19:52	VHL	P4B0098
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:52	VHL	P4B0098
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	2/6/14 19:52	VHL	P4B0098
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	2/6/14 19:52	VHL	P4B0098
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 19:52	VHL	P4B0098
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	2/6/14 19:52	VHL	P4B0098
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	2/6/14 19:52	VHL	P4B0098
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	2/6/14 19:52	VHL	P4B0098
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	2/6/14 19:52	VHL	P4B0098
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	2/6/14 19:52	VHL	P4B0098
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	2/6/14 19:52	VHL	P4B0098
Acetone	BRL	ug/L	5.0	0.62	1	8260B	2/6/14 19:52	VHL	P4B0098
Acrolein	BRL	ug/L	20	1.1	1	8260B	2/6/14 19:52	VHL	P4B0098
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	2/6/14 19:52	VHL	P4B0098
Benzene	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 19:52	VHL	P4B0098
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	2/6/14 19:52	VHL	P4B0098
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:52	VHL	P4B0098
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	2/6/14 19:52	VHL	P4B0098
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	2/6/14 19:52	VHL	P4B0098
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	2/6/14 19:52	VHL	P4B0098
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	2/6/14 19:52	VHL	P4B0098
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 19:52	VHL	P4B0098
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 19:52	VHL	P4B0098
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:52	VHL	P4B0098
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	2/6/14 19:52	VHL	P4B0098
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 19:52	VHL	P4B0098
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 19:52	VHL	P4B0098
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	2/6/14 19:52	VHL	P4B0098
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	2/6/14 19:52	VHL	P4B0098
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 19:52	VHL	P4B0098
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 19:52	VHL	P4B0098
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	2/6/14 19:52	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-2
Prism Sample ID: 4020095-03
Prism Work Order: 4020095
Time Collected: 02/05/14 15:30
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	2/6/14 19:52	VHL	P4B0098
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 19:52	VHL	P4B0098
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 19:52	VHL	P4B0098
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 19:52	VHL	P4B0098
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	2/6/14 19:52	VHL	P4B0098
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	2/6/14 19:52	VHL	P4B0098
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	2/6/14 19:52	VHL	P4B0098
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	2/6/14 19:52	VHL	P4B0098
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	2/6/14 19:52	VHL	P4B0098
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	2/6/14 19:52	VHL	P4B0098
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 19:52	VHL	P4B0098
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	2/6/14 19:52	VHL	P4B0098
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	2/6/14 19:52	VHL	P4B0098
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	2/6/14 19:52	VHL	P4B0098
Styrene	BRL	ug/L	0.50	0.047	1	8260B	2/6/14 19:52	VHL	P4B0098
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	2/6/14 19:52	VHL	P4B0098
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	2/6/14 19:52	VHL	P4B0098
Toluene	BRL	ug/L	0.50	0.042	1	8260B	2/6/14 19:52	VHL	P4B0098
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 19:52	VHL	P4B0098
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 19:52	VHL	P4B0098
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	2/6/14 19:52	VHL	P4B0098
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	2/6/14 19:52	VHL	P4B0098
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	2/6/14 19:52	VHL	P4B0098
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	2/6/14 19:52	VHL	P4B0098
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	2/6/14 19:52	VHL	P4B0098

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*113 %*	*75-129*
Toluene-d8	*108 %*	*77-123*

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-1
Prism Sample ID: 4020095-04
Prism Work Order: 4020095
Time Collected: 02/05/14 15:45
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
Hexavalent Chromium	BRL	mg/L	0.010	0.0026	1	*SM3500-Cr B	2/6/14 11:45	CDE	P4B0080
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	ug/L	0.050	0.0036	1	8081B	2/19/14 22:57	JMV	P4B0132
4,4'-DDE	BRL	ug/L	0.050	0.0038	1	8081B	2/19/14 22:57	JMV	P4B0132
4,4'-DDT	BRL	ug/L	0.050	0.021	1	8081B	2/19/14 22:57	JMV	P4B0132
Aldrin	BRL	ug/L	0.050	0.010	1	8081B	2/19/14 22:57	JMV	P4B0132
alpha-BHC	BRL CCV	ug/L	0.050	0.0044	1	8081B	2/19/14 22:57	JMV	P4B0132
cis-Chlordane	BRL CCV	ug/L	0.050	0.0070	1	8081B	2/19/14 22:57	JMV	P4B0132
beta-BHC	BRL	ug/L	0.050	0.0066	1	8081B	2/19/14 22:57	JMV	P4B0132
Chlordane	BRL	ug/L	0.50	0.14	1	8081B	2/19/14 22:57	JMV	P4B0132
delta-BHC	BRL	ug/L	0.050	0.0033	1	8081B	2/19/14 22:57	JMV	P4B0132
Dieldrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 22:57	JMV	P4B0132
Endosulfan I	BRL CCV	ug/L	0.050	0.0084	1	8081B	2/19/14 22:57	JMV	P4B0132
Endosulfan II	BRL	ug/L	0.050	0.0047	1	8081B	2/19/14 22:57	JMV	P4B0132
Endosulfan Sulfate	BRL CCV	ug/L	0.050	0.0047	1	8081B	2/19/14 22:57	JMV	P4B0132
Endrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 22:57	JMV	P4B0132
Endrin Aldehyde	BRL	ug/L	0.050	0.0053	1	8081B	2/19/14 22:57	JMV	P4B0132
Endrin Ketone	BRL CCV	ug/L	0.050	0.0043	1	8081B	2/19/14 22:57	JMV	P4B0132
gamma-BHC	BRL CCV	ug/L	0.050	0.0049	1	8081B	2/19/14 22:57	JMV	P4B0132
trans-Chlordane	BRL	ug/L	0.050	0.0060	1	8081B	2/19/14 22:57	JMV	P4B0132
Heptachlor	BRL	ug/L	0.050	0.0077	1	8081B	2/19/14 22:57	JMV	P4B0132
Heptachlor Epoxide	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 22:57	JMV	P4B0132
Methoxychlor	BRL	ug/L	0.050	0.0087	1	8081B	2/19/14 22:57	JMV	P4B0132
Toxaphene	BRL	ug/L	0.50	0.15	1	8081B	2/19/14 22:57	JMV	P4B0132

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*110 %*	*13-186*
Tetrachloro-m-xylene	*95 %*	*40-134*

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Polychlorinated Biphenyls (PCBs) by GC/ECD									
Aroclor 1016	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 11:50	JMV	P4B0133
Aroclor 1221	BRL	ug/L	1.0	0.11	1	8082A	2/12/14 11:50	JMV	P4B0133
Aroclor 1232	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 11:50	JMV	P4B0133
Aroclor 1242	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 11:50	JMV	P4B0133
Aroclor 1248	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 11:50	JMV	P4B0133
Aroclor 1254	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 11:50	JMV	P4B0133
Aroclor 1260	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 11:50	JMV	P4B0133

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*84 %*	*30-161*
Decachlorobiphenyl	*50 %*	*32-178*

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Semivolatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:09	KC	P4B0157
1,2-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-1
Prism Sample ID: 4020095-04
Prism Work Order: 4020095
Time Collected: 02/05/14 15:45
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,3-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
1,4-Dichlorobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 19:09	KC	P4B0157
1-Methylnaphthalene	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:09	KC	P4B0157
2,4,5-Trichlorophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:09	KC	P4B0157
2,4,6-Trichlorophenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:09	KC	P4B0157
2,4-Dichlorophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:09	KC	P4B0157
2,4-Dimethylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:09	KC	P4B0157
2,4-Dinitrophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:09	KC	P4B0157
2,4-Dinitrotoluene	BRL	ug/L	10	0.95	1	8270D	2/14/14 19:09	KC	P4B0157
2,6-Dinitrotoluene	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:09	KC	P4B0157
2-Chloronaphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:09	KC	P4B0157
2-Chlorophenol	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:09	KC	P4B0157
2-Methylnaphthalene	BRL	ug/L	10	2.6	1	8270D	2/14/14 19:09	KC	P4B0157
2-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:09	KC	P4B0157
2-Nitroaniline	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:09	KC	P4B0157
2-Nitrophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:09	KC	P4B0157
3,3'-Dichlorobenzidine	BRL	ug/L	10	0.96	1	8270D	2/14/14 19:09	KC	P4B0157
3/4-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:09	KC	P4B0157
3-Nitroaniline	BRL	ug/L	10	1.3	1	8270D	2/14/14 19:09	KC	P4B0157
4,6-Dinitro-2-methylphenol	BRL	ug/L	10	2.7	1	8270D	2/14/14 19:09	KC	P4B0157
4-Bromophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
4-Chloro-3-methylphenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:09	KC	P4B0157
4-Chloroaniline	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:09	KC	P4B0157
4-Chlorophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
4-Nitroaniline	BRL	ug/L	10	0.91	1	8270D	2/14/14 19:09	KC	P4B0157
4-Nitrophenol	BRL	ug/L	10	2.6	1	8270D	2/14/14 19:09	KC	P4B0157
Acenaphthene	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:09	KC	P4B0157
Acenaphthylene	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:09	KC	P4B0157
Aniline	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:09	KC	P4B0157
Anthracene	BRL	ug/L	10	1.2	1	8270D	2/14/14 19:09	KC	P4B0157
Azobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
Benzo(a)anthracene	BRL	ug/L	10	0.95	1	8270D	2/14/14 19:09	KC	P4B0157
Benzo(a)pyrene	BRL	ug/L	10	1.1	1	8270D	2/14/14 19:09	KC	P4B0157
Benzo(b)fluoranthene	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:09	KC	P4B0157
Benzo(g,h,i)perylene	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:09	KC	P4B0157
Benzo(k)fluoranthene	BRL	ug/L	10	1.1	1	8270D	2/14/14 19:09	KC	P4B0157
Benzoic Acid	BRL	ug/L	100	50	1	8270D	2/14/14 19:09	KC	P4B0157
Benzyl alcohol	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:09	KC	P4B0157
bis(2-Chloroethoxy)methane	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:09	KC	P4B0157
Bis(2-Chloroethyl)ether	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:09	KC	P4B0157
Bis(2-chloroisopropyl)ether	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:09	KC	P4B0157
Bis(2-Ethylhexyl)phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
Butyl benzyl phthalate	BRL	ug/L	10	1.5	1	8270D	2/14/14 19:09	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-1
Prism Sample ID: 4020095-04
Prism Work Order: 4020095
Time Collected: 02/05/14 15:45
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chrysene	BRL	ug/L	10	1.2	1	8270D	2/14/14 19:09	KC	P4B0157
Dibenzo(a,h)anthracene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
Dibenzofuran	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:09	KC	P4B0157
Diethyl phthalate	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:09	KC	P4B0157
Dimethyl phthalate	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:09	KC	P4B0157
Di-n-butyl phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
Di-n-octyl phthalate	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:09	KC	P4B0157
Fluoranthene	BRL	ug/L	10	0.94	1	8270D	2/14/14 19:09	KC	P4B0157
Fluorene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
Hexachlorobenzene	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:09	KC	P4B0157
Hexachlorobutadiene	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:09	KC	P4B0157
Hexachlorocyclopentadiene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:09	KC	P4B0157
Hexachloroethane	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:09	KC	P4B0157
Indeno(1,2,3-cd)pyrene	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:09	KC	P4B0157
Isophorone	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:09	KC	P4B0157
Naphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:09	KC	P4B0157
Nitrobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 19:09	KC	P4B0157
N-Nitroso-di-n-propylamine	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:09	KC	P4B0157
N-Nitrosodiphenylamine	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:09	KC	P4B0157
Pentachlorophenol	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:09	KC	P4B0157
Phenanthrene	BRL	ug/L	10	1.2	1	8270D	2/14/14 19:09	KC	P4B0157
Phenol	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:09	KC	P4B0157
Pyrene	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:09	KC	P4B0157

Surrogate	Recovery	Control Limits
2,4,6-Tribromophenol	*98 %*	*49-109*
2-Fluorobiphenyl	*73 %*	*55-96*
2-Fluorophenol	*44 %*	*27-74*
Nitrobenzene-d5	*82 %*	*53-99*
Phenol-d5	*26 %*	*11-52*
Terphenyl-d14	*102 %*	*42-133*

Total Metals

Mercury	BRL	mg/L	0.00020	0.000012	1	*7470A	2/18/14 17:04	MEH	P4B0278
Arsenic	BRL	mg/L	0.010	0.0016	1	*6010C	2/7/14 17:15	BGM	P4B0106
Barium	**0.024**	**mg/L**	**0.010**	**0.0031**	**1**	***6010C**	**2/7/14 17:15**	**BGM**	**P4B0106**
Cadmium	BRL	mg/L	0.0010	0.000039	1	*6010C	2/7/14 17:15	BGM	P4B0106
Chromium	BRL	mg/L	0.0050	0.00036	1	*6010C	2/7/14 17:15	BGM	P4B0106
Lead	BRL	mg/L	0.0050	0.00039	1	*6010C	2/7/14 17:15	BGM	P4B0106
Selenium	BRL	mg/L	0.020	0.0037	1	*6010C	2/7/14 17:15	BGM	P4B0106
Silver	BRL	mg/L	0.0050	0.00012	1	*6010C	2/7/14 17:15	BGM	P4B0106

Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	2/6/14 20:17	VHL	P4B0098
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	2/6/14 20:17	VHL	P4B0098
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	2/6/14 20:17	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-1
Prism Sample ID: 4020095-04
Prism Work Order: 4020095
Time Collected: 02/05/14 15:45
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	2/6/14 20:17	VHL	P4B0098
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	2/6/14 20:17	VHL	P4B0098
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	2/6/14 20:17	VHL	P4B0098
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 20:17	VHL	P4B0098
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:17	VHL	P4B0098
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	2/6/14 20:17	VHL	P4B0098
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	2/6/14 20:17	VHL	P4B0098
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 20:17	VHL	P4B0098
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	2/6/14 20:17	VHL	P4B0098
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	2/6/14 20:17	VHL	P4B0098
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	2/6/14 20:17	VHL	P4B0098
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	2/6/14 20:17	VHL	P4B0098
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	2/6/14 20:17	VHL	P4B0098
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	2/6/14 20:17	VHL	P4B0098
Acetone	BRL	ug/L	5.0	0.62	1	8260B	2/6/14 20:17	VHL	P4B0098
Acrolein	BRL	ug/L	20	1.1	1	8260B	2/6/14 20:17	VHL	P4B0098
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	2/6/14 20:17	VHL	P4B0098
Benzene	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 20:17	VHL	P4B0098
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	2/6/14 20:17	VHL	P4B0098
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:17	VHL	P4B0098
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	2/6/14 20:17	VHL	P4B0098
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	2/6/14 20:17	VHL	P4B0098
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	2/6/14 20:17	VHL	P4B0098
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	2/6/14 20:17	VHL	P4B0098
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 20:17	VHL	P4B0098
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 20:17	VHL	P4B0098
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:17	VHL	P4B0098
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	2/6/14 20:17	VHL	P4B0098
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 20:17	VHL	P4B0098
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 20:17	VHL	P4B0098
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	2/6/14 20:17	VHL	P4B0098
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	2/6/14 20:17	VHL	P4B0098
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:17	VHL	P4B0098
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 20:17	VHL	P4B0098
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	2/6/14 20:17	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: BC-1
Prism Sample ID: 4020095-04
Prism Work Order: 4020095
Time Collected: 02/05/14 15:45
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	2/6/14 20:17	VHL	P4B0098
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 20:17	VHL	P4B0098
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 20:17	VHL	P4B0098
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 20:17	VHL	P4B0098
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	2/6/14 20:17	VHL	P4B0098
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	2/6/14 20:17	VHL	P4B0098
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	2/6/14 20:17	VHL	P4B0098
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	2/6/14 20:17	VHL	P4B0098
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	2/6/14 20:17	VHL	P4B0098
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	2/6/14 20:17	VHL	P4B0098
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 20:17	VHL	P4B0098
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	2/6/14 20:17	VHL	P4B0098
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	2/6/14 20:17	VHL	P4B0098
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	2/6/14 20:17	VHL	P4B0098
Styrene	BRL	ug/L	0.50	0.047	1	8260B	2/6/14 20:17	VHL	P4B0098
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	2/6/14 20:17	VHL	P4B0098
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	2/6/14 20:17	VHL	P4B0098
Toluene	BRL	ug/L	0.50	0.042	1	8260B	2/6/14 20:17	VHL	P4B0098
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 20:17	VHL	P4B0098
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 20:17	VHL	P4B0098
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	2/6/14 20:17	VHL	P4B0098
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	2/6/14 20:17	VHL	P4B0098
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	2/6/14 20:17	VHL	P4B0098
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	2/6/14 20:17	VHL	P4B0098
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	2/6/14 20:17	VHL	P4B0098

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*111 %*	*75-129*
Toluene-d8	*107 %*	*77-123*

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3-A
Prism Sample ID: 4020095-05
Prism Work Order: 4020095
Time Collected: 02/05/14 16:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
Hexavalent Chromium	BRL A	mg/L	0.010	0.0026	1	*SM3500-Cr B	2/6/14 11:45	CDE	P4B0080
Organochlorine Pesticides by GC/ECD									
4,4'-DDD	BRL	ug/L	0.050	0.0036	1	8081B	2/19/14 20:06	JMV	P4B0132
4,4'-DDE	BRL	ug/L	0.050	0.0038	1	8081B	2/19/14 20:06	JMV	P4B0132
4,4'-DDT	BRL	ug/L	0.050	0.021	1	8081B	2/19/14 20:06	JMV	P4B0132
Aldrin	BRL	ug/L	0.050	0.010	1	8081B	2/19/14 20:06	JMV	P4B0132
alpha-BHC	BRL CCV	ug/L	0.050	0.0044	1	8081B	2/19/14 20:06	JMV	P4B0132
cis-Chlordane	BRL CCV	ug/L	0.050	0.0070	1	8081B	2/19/14 20:06	JMV	P4B0132
beta-BHC	BRL	ug/L	0.050	0.0066	1	8081B	2/19/14 20:06	JMV	P4B0132
Chlordane	BRL	ug/L	0.50	0.14	1	8081B	2/19/14 20:06	JMV	P4B0132
delta-BHC	BRL	ug/L	0.050	0.0033	1	8081B	2/19/14 20:06	JMV	P4B0132
Dieldrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 20:06	JMV	P4B0132
Endosulfan I	BRL CCV	ug/L	0.050	0.0084	1	8081B	2/19/14 20:06	JMV	P4B0132
Endosulfan II	BRL	ug/L	0.050	0.0047	1	8081B	2/19/14 20:06	JMV	P4B0132
Endosulfan Sulfate	BRL CCV	ug/L	0.050	0.0047	1	8081B	2/19/14 20:06	JMV	P4B0132
Endrin	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 20:06	JMV	P4B0132
Endrin Aldehyde	BRL	ug/L	0.050	0.0053	1	8081B	2/19/14 20:06	JMV	P4B0132
Endrin Ketone	BRL CCV	ug/L	0.050	0.0043	1	8081B	2/19/14 20:06	JMV	P4B0132
gamma-BHC	BRL CCV	ug/L	0.050	0.0049	1	8081B	2/19/14 20:06	JMV	P4B0132
trans-Chlordane	BRL	ug/L	0.050	0.0060	1	8081B	2/19/14 20:06	JMV	P4B0132
Heptachlor	BRL	ug/L	0.050	0.0077	1	8081B	2/19/14 20:06	JMV	P4B0132
Heptachlor Epoxide	BRL	ug/L	0.050	0.0046	1	8081B	2/19/14 20:06	JMV	P4B0132
Methoxychlor	BRL	ug/L	0.050	0.0087	1	8081B	2/19/14 20:06	JMV	P4B0132
Toxaphene	BRL	ug/L	0.50	0.15	1	8081B	2/19/14 20:06	JMV	P4B0132

Surrogate	Recovery	Control Limits
Decachlorobiphenyl	*73 %*	*13-186*
Tetrachloro-m-xylene	*89 %*	*40-134*

Polychlorinated Biphenyls (PCBs) by GC/ECD									
Aroclor 1016	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 4:49	JMV	P4B0133
Aroclor 1221	BRL	ug/L	1.0	0.11	1	8082A	2/12/14 4:49	JMV	P4B0133
Aroclor 1232	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 4:49	JMV	P4B0133
Aroclor 1242	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 4:49	JMV	P4B0133
Aroclor 1248	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 4:49	JMV	P4B0133
Aroclor 1254	BRL	ug/L	0.50	0.16	1	8082A	2/12/14 4:49	JMV	P4B0133
Aroclor 1260	BRL	ug/L	0.50	0.14	1	8082A	2/12/14 4:49	JMV	P4B0133

Surrogate	Recovery	Control Limits
Tetrachloro-m-xylene	*78 %*	*30-161*
Decachlorobiphenyl	*42 %*	*32-178*

Semivolatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:30	KC	P4B0157
1,2-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3-A
Prism Sample ID: 4020095-05
Prism Work Order: 4020095
Time Collected: 02/05/14 16:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,3-Dichlorobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
1,4-Dichlorobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 19:30	KC	P4B0157
1-Methylnaphthalene	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:30	KC	P4B0157
2,4,5-Trichlorophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:30	KC	P4B0157
2,4,6-Trichlorophenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:30	KC	P4B0157
2,4-Dichlorophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:30	KC	P4B0157
2,4-Dimethylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:30	KC	P4B0157
2,4-Dinitrophenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:30	KC	P4B0157
2,4-Dinitrotoluene	BRL	ug/L	10	0.95	1	8270D	2/14/14 19:30	KC	P4B0157
2,6-Dinitrotoluene	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:30	KC	P4B0157
2-Chloronaphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:30	KC	P4B0157
2-Chlorophenol	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:30	KC	P4B0157
2-Methylnaphthalene	BRL	ug/L	10	2.6	1	8270D	2/14/14 19:30	KC	P4B0157
2-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:30	KC	P4B0157
2-Nitroaniline	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:30	KC	P4B0157
2-Nitrophenol	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:30	KC	P4B0157
3,3'-Dichlorobenzidine	BRL	ug/L	10	0.96	1	8270D	2/14/14 19:30	KC	P4B0157
3/4-Methylphenol	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:30	KC	P4B0157
3-Nitroaniline	BRL	ug/L	10	1.3	1	8270D	2/14/14 19:30	KC	P4B0157
4,6-Dinitro-2-methylphenol	BRL	ug/L	10	2.7	1	8270D	2/14/14 19:30	KC	P4B0157
4-Bromophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
4-Chloro-3-methylphenol	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:30	KC	P4B0157
4-Chloroaniline	BRL	ug/L	10	2.5	1	8270D	2/14/14 19:30	KC	P4B0157
4-Chlorophenyl phenyl ether	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
4-Nitroaniline	BRL	ug/L	10	0.91	1	8270D	2/14/14 19:30	KC	P4B0157
4-Nitrophenol	BRL	ug/L	10	2.6	1	8270D	2/14/14 19:30	KC	P4B0157
Acenaphthene	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:30	KC	P4B0157
Acenaphthylene	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:30	KC	P4B0157
Aniline	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:30	KC	P4B0157
Anthracene	BRL	ug/L	10	1.2	1	8270D	2/14/14 19:30	KC	P4B0157
Azobenzene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
Benzo(a)anthracene	BRL	ug/L	10	0.95	1	8270D	2/14/14 19:30	KC	P4B0157
Benzo(a)pyrene	BRL	ug/L	10	1.1	1	8270D	2/14/14 19:30	KC	P4B0157
Benzo(b)fluoranthene	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:30	KC	P4B0157
Benzo(g,h,i)perylene	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:30	KC	P4B0157
Benzo(k)fluoranthene	BRL	ug/L	10	1.1	1	8270D	2/14/14 19:30	KC	P4B0157
Benzoic Acid	BRL	ug/L	100	50	1	8270D	2/14/14 19:30	KC	P4B0157
Benzyl alcohol	BRL	ug/L	10	2.1	1	8270D	2/14/14 19:30	KC	P4B0157
bis(2-Chloroethoxy)methane	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:30	KC	P4B0157
Bis(2-Chloroethyl)ether	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:30	KC	P4B0157
Bis(2-chloroisopropyl)ether	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:30	KC	P4B0157
Bis(2-Ethylhexyl)phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
Butyl benzyl phthalate	BRL	ug/L	10	1.5	1	8270D	2/14/14 19:30	KC	P4B0157

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3-A
Prism Sample ID: 4020095-05
Prism Work Order: 4020095
Time Collected: 02/05/14 16:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chrysene	BRL	ug/L	10	1.2	1	8270D	2/14/14 19:30	KC	P4B0157
Dibenzo(a,h)anthracene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
Dibenzofuran	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:30	KC	P4B0157
Diethyl phthalate	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:30	KC	P4B0157
Dimethyl phthalate	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:30	KC	P4B0157
Di-n-butyl phthalate	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
Di-n-octyl phthalate	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:30	KC	P4B0157
Fluoranthene	BRL	ug/L	10	0.94	1	8270D	2/14/14 19:30	KC	P4B0157
Fluorene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
Hexachlorobenzene	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:30	KC	P4B0157
Hexachlorobutadiene	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:30	KC	P4B0157
Hexachlorocyclopentadiene	BRL	ug/L	10	1.8	1	8270D	2/14/14 19:30	KC	P4B0157
Hexachloroethane	BRL	ug/L	10	1.9	1	8270D	2/14/14 19:30	KC	P4B0157
Indeno(1,2,3-cd)pyrene	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:30	KC	P4B0157
Isophorone	BRL	ug/L	10	2.4	1	8270D	2/14/14 19:30	KC	P4B0157
Naphthalene	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:30	KC	P4B0157
Nitrobenzene	BRL	ug/L	10	2.0	1	8270D	2/14/14 19:30	KC	P4B0157
N-Nitroso-di-n-propylamine	BRL	ug/L	10	2.3	1	8270D	2/14/14 19:30	KC	P4B0157
N-Nitrosodiphenylamine	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:30	KC	P4B0157
Pentachlorophenol	BRL	ug/L	10	1.6	1	8270D	2/14/14 19:30	KC	P4B0157
Phenanthrene	BRL	ug/L	10	1.2	1	8270D	2/14/14 19:30	KC	P4B0157
Phenol	BRL	ug/L	10	2.2	1	8270D	2/14/14 19:30	KC	P4B0157
Pyrene	BRL	ug/L	10	1.4	1	8270D	2/14/14 19:30	KC	P4B0157

Surrogate	Recovery	Control Limits	
2,4,6-Tribromophenol	*31 %*	*49-109*	*SE*
2-Fluorobiphenyl	*83 %*	*55-96*	
2-Fluorophenol	*32 %*	*27-74*	
Nitrobenzene-d5	*91 %*	*53-99*	
Phenol-d5	*22 %*	*11-52*	
Terphenyl-d14	*95 %*	*42-133*	

Total Metals

Mercury	BRL	mg/L	0.00020	0.000012	1	*7470A	2/18/14 17:08	MEH	P4B0278
Arsenic	BRL	mg/L	0.010	0.0016	1	*6010C	2/7/14 17:22	BGM	P4B0106
Barium	**0.25**	**mg/L**	**0.010**	**0.0031**	**1**	***6010C**	**2/7/14 17:22**	**BGM**	**P4B0106**
Cadmium	BRL	mg/L	0.0010	0.000039	1	*6010C	2/7/14 17:22	BGM	P4B0106
Chromium	**0.024**	**mg/L**	**0.0050**	**0.00036**	**1**	***6010C**	**2/7/14 17:22**	**BGM**	**P4B0106**
Lead	BRL	mg/L	0.0050	0.00039	1	*6010C	2/7/14 17:22	BGM	P4B0106
Selenium	BRL	mg/L	0.020	0.0037	1	*6010C	2/7/14 17:22	BGM	P4B0106
Silver	BRL	mg/L	0.0050	0.00012	1	*6010C	2/7/14 17:22	BGM	P4B0106

Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	2/6/14 20:43	VHL	P4B0098
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	2/6/14 20:43	VHL	P4B0098
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	2/6/14 20:43	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3-A
Prism Sample ID: 4020095-05
Prism Work Order: 4020095
Time Collected: 02/05/14 16:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	2/6/14 20:43	VHL	P4B0098
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	2/6/14 20:43	VHL	P4B0098
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	2/6/14 20:43	VHL	P4B0098
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	2/6/14 20:43	VHL	P4B0098
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:43	VHL	P4B0098
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	2/6/14 20:43	VHL	P4B0098
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	2/6/14 20:43	VHL	P4B0098
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 20:43	VHL	P4B0098
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	2/6/14 20:43	VHL	P4B0098
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	2/6/14 20:43	VHL	P4B0098
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	2/6/14 20:43	VHL	P4B0098
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	2/6/14 20:43	VHL	P4B0098
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	2/6/14 20:43	VHL	P4B0098
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	2/6/14 20:43	VHL	P4B0098
Acetone	BRL	ug/L	5.0	0.62	1	8260B	2/6/14 20:43	VHL	P4B0098
Acrolein	BRL	ug/L	20	1.1	1	8260B	2/6/14 20:43	VHL	P4B0098
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	2/6/14 20:43	VHL	P4B0098
Benzene	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 20:43	VHL	P4B0098
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	2/6/14 20:43	VHL	P4B0098
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:43	VHL	P4B0098
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	2/6/14 20:43	VHL	P4B0098
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	2/6/14 20:43	VHL	P4B0098
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	2/6/14 20:43	VHL	P4B0098
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	2/6/14 20:43	VHL	P4B0098
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 20:43	VHL	P4B0098
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	2/6/14 20:43	VHL	P4B0098
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:43	VHL	P4B0098
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	2/6/14 20:43	VHL	P4B0098
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	2/6/14 20:43	VHL	P4B0098
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	2/6/14 20:43	VHL	P4B0098
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	2/6/14 20:43	VHL	P4B0098
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	2/6/14 20:43	VHL	P4B0098
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	2/6/14 20:43	VHL	P4B0098
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 20:43	VHL	P4B0098
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	2/6/14 20:43	VHL	P4B0098

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Water

Client Sample ID: MW-3-A
Prism Sample ID: 4020095-05
Prism Work Order: 4020095
Time Collected: 02/05/14 16:00
Time Submitted: 02/06/14 09:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	2/6/14 20:43	VHL	P4B0098
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 20:43	VHL	P4B0098
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	2/6/14 20:43	VHL	P4B0098
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	2/6/14 20:43	VHL	P4B0098
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	2/6/14 20:43	VHL	P4B0098
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	2/6/14 20:43	VHL	P4B0098
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	2/6/14 20:43	VHL	P4B0098
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	2/6/14 20:43	VHL	P4B0098
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	2/6/14 20:43	VHL	P4B0098
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	2/6/14 20:43	VHL	P4B0098
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	2/6/14 20:43	VHL	P4B0098
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	2/6/14 20:43	VHL	P4B0098
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	2/6/14 20:43	VHL	P4B0098
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	2/6/14 20:43	VHL	P4B0098
Styrene	BRL	ug/L	0.50	0.047	1	8260B	2/6/14 20:43	VHL	P4B0098
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	2/6/14 20:43	VHL	P4B0098
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	2/6/14 20:43	VHL	P4B0098
Toluene	BRL	ug/L	0.50	0.042	1	8260B	2/6/14 20:43	VHL	P4B0098
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	2/6/14 20:43	VHL	P4B0098
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	2/6/14 20:43	VHL	P4B0098
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	2/6/14 20:43	VHL	P4B0098
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	2/6/14 20:43	VHL	P4B0098
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	2/6/14 20:43	VHL	P4B0098
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	2/6/14 20:43	VHL	P4B0098
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	2/6/14 20:43	VHL	P4B0098

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*116 %*	*75-129*
Toluene-d8	*106 %*	*77-123*

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0098 - 5030B										
Blank (P4B0098-BLK1)				Prepared & Analyzed: 02/06/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0098 - 5030B										
Blank (P4B0098-BLK1)				Prepared & Analyzed: 02/06/14						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*55.0*		*ug/L*	*50.00*		*110*	*80-124*			
Surrogate: Dibromofluoromethane	*56.1*		*ug/L*	*50.00*		*112*	*75-129*			
Surrogate: Toluene-d8	*53.8*		*ug/L*	*50.00*		*108*	*77-123*			

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0098 - 5030B										
LCS (P4B0098-BS1)				Prepared & Analyzed: 02/06/14						
1,1-Dichloroethylene	22.0	0.50	ug/L	20.00		110	70-154			
Methyl Butyl Ketone (2-Hexanone)	18.2	5.0	ug/L	20.00		91	64-137			
Tetrachloroethylene	22.1	0.50	ug/L	20.00		111	80-129			
Vinyl chloride	25.1	0.50	ug/L	20.00		126	57-141			
Xylenes, total	64.5	3.0	ug/L	60.00		108	77-133			
Surrogate: 4-Bromofluorobenzene	*54.6*		*ug/L*	*50.00*		*109*	*80-124*			
Surrogate: Dibromofluoromethane	*55.7*		*ug/L*	*50.00*		*111*	*75-129*			
Surrogate: Toluene-d8	*52.4*		*ug/L*	*50.00*		*105*	*77-123*			
LCS Dup (P4B0098-BSD1)				Prepared & Analyzed: 02/06/14						
Methyl Butyl Ketone (2-Hexanone)	18.6	5.0	ug/L	20.00		93	64-137	2	20	
Methyl Ethyl Ketone (2-Butanone)	19.9	5.0	ug/L	20.00		100	71-134	5	20	
Trichloroethylene	21.8	0.50	ug/L	20.00		109	77-133	2	20	
Vinyl chloride	23.7	0.50	ug/L	20.00		118	57-141	6	20	
Xylenes, total	64.4	3.0	ug/L	60.00		107	77-133	0.3	20	
Surrogate: 4-Bromofluorobenzene	*54.5*		*ug/L*	*50.00*		*109*	*80-124*			
Surrogate: Dibromofluoromethane	*54.7*		*ug/L*	*50.00*		*109*	*75-129*			
Surrogate: Toluene-d8	*53.3*		*ug/L*	*50.00*		*107*	*77-123*			

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0157 - 3510C MS										
Blank (P4B0157-BLK1)				Prepared & Analyzed: 02/11/14						
1,2,4-Trichlorobenzene	BRL	10	ug/L							
1,2-Dichlorobenzene	BRL	10	ug/L							
1,3-Dichlorobenzene	BRL	10	ug/L							
1,4-Dichlorobenzene	BRL	10	ug/L							
1-Methylnaphthalene	BRL	10	ug/L							
2,4,5-Trichlorophenol	BRL	10	ug/L							
2,4,6-Trichlorophenol	BRL	10	ug/L							
2,4-Dichlorophenol	BRL	10	ug/L							
2,4-Dimethylphenol	BRL	10	ug/L							
2,4-Dinitrophenol	BRL	10	ug/L							
2,4-Dinitrotoluene	BRL	10	ug/L							
2,6-Dinitrotoluene	BRL	10	ug/L							
2-Chloronaphthalene	BRL	10	ug/L							
2-Chlorophenol	BRL	10	ug/L							
2-Methylnaphthalene	BRL	10	ug/L							
2-Methylphenol	BRL	10	ug/L							
2-Nitroaniline	BRL	10	ug/L							
2-Nitrophenol	BRL	10	ug/L							
3,3'-Dichlorobenzidine	BRL	10	ug/L							
3/4-Methylphenol	BRL	10	ug/L							
3-Nitroaniline	BRL	10	ug/L							
4,6-Dinitro-2-methylphenol	BRL	10	ug/L							
4-Bromophenyl phenyl ether	BRL	10	ug/L							
4-Chloro-3-methylphenol	BRL	10	ug/L							
4-Chloroaniline	BRL	10	ug/L							
4-Chlorophenyl phenyl ether	BRL	10	ug/L							
4-Nitroaniline	BRL	10	ug/L							
4-Nitrophenol	BRL	10	ug/L							
Acenaphthene	BRL	10	ug/L							
Acenaphthylene	BRL	10	ug/L							
Aniline	BRL	10	ug/L							
Anthracene	BRL	10	ug/L							
Azobenzene	BRL	10	ug/L							
Benzo(a)anthracene	BRL	10	ug/L							
Benzo(a)pyrene	BRL	10	ug/L							
Benzo(b)fluoranthene	BRL	10	ug/L							
Benzo(g,h,i)perylene	BRL	10	ug/L							
Benzo(k)fluoranthene	BRL	10	ug/L							
Benzoic Acid	BRL	100	ug/L							
Benzyl alcohol	BRL	10	ug/L							
bis(2-Chloroethoxy)methane	BRL	10	ug/L							
Bis(2-Chloroethyl)ether	BRL	10	ug/L							
Bis(2-chloroisopropyl)ether	BRL	10	ug/L							
Bis(2-Ethylhexyl)phthalate	BRL	10	ug/L							
Butyl benzyl phthalate	BRL	10	ug/L							
Chrysene	BRL	10	ug/L							

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0157 - 3510C MS										
Blank (P4B0157-BLK1)				Prepared & Analyzed: 02/11/14						
Dibenzo(a,h)anthracene	BRL	10	ug/L							
Dibenzofuran	BRL	10	ug/L							
Diethyl phthalate	BRL	10	ug/L							
Dimethyl phthalate	BRL	10	ug/L							
Di-n-butyl phthalate	BRL	10	ug/L							
Di-n-octyl phthalate	BRL	10	ug/L							
Fluoranthene	BRL	10	ug/L							
Fluorene	BRL	10	ug/L							
Hexachlorobenzene	BRL	10	ug/L							
Hexachlorobutadiene	BRL	10	ug/L							
Hexachlorocyclopentadiene	BRL	10	ug/L							
Hexachloroethane	BRL	10	ug/L							
Indeno(1,2,3-cd)pyrene	BRL	10	ug/L							
Isophorone	BRL	10	ug/L							
Naphthalene	BRL	10	ug/L							
Nitrobenzene	BRL	10	ug/L							
N-Nitroso-di-n-propylamine	BRL	10	ug/L							
N-Nitrosodiphenylamine	BRL	10	ug/L							
Pentachlorophenol	BRL	10	ug/L							
Phenanthrene	BRL	10	ug/L							
Phenol	BRL	10	ug/L							
Pyrene	BRL	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*81.5*		*ug/L*	*100.0*		*82*	*49-109*			
Surrogate: 2-Fluorobiphenyl	*38.0*		*ug/L*	*50.00*		*76*	*55-96*			
Surrogate: 2-Fluorophenol	*45.5*		*ug/L*	*100.0*		*46*	*27-74*			
Surrogate: Nitrobenzene-d5	*44.7*		*ug/L*	*50.00*		*89*	*53-99*			
Surrogate: Phenol-d5	*25.6*		*ug/L*	*100.0*		*26*	*11-52*			
Surrogate: Terphenyl-d14	*40.8*		*ug/L*	*50.00*		*82*	*42-133*			

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0157 - 3510C MS										
LCS (P4B0157-BS1)				Prepared & Analyzed: 02/11/14						
1,2,4-Trichlorobenzene	32.5	10	ug/L	50.00		65	45-103			
1,2-Dichlorobenzene	30.5	10	ug/L	50.00		61	43-100			
1,3-Dichlorobenzene	29.6	10	ug/L	50.00		59	42-98			
1,4-Dichlorobenzene	29.1	10	ug/L	50.00		58	42-100			
1-Methylnaphthalene	38.2	10	ug/L	50.00		76	45-135			
2,4,5-Trichlorophenol	37.0	10	ug/L	50.00		74	66-120			
2,4,6-Trichlorophenol	36.6	10	ug/L	50.00		73	62-121			
2,4-Dichlorophenol	34.7	10	ug/L	50.00		69	58-113			
2,4-Dimethylphenol	34.6	10	ug/L	50.00		69	42-120			
2,4-Dinitrophenol	24.6	10	ug/L	50.00		49	27-129			
2,4-Dinitrotoluene	35.6	10	ug/L	50.00		71	62-136			
2,6-Dinitrotoluene	35.4	10	ug/L	50.00		71	64-129			
2-Chloronaphthalene	41.7	10	ug/L	50.00		83	38-141			
2-Chlorophenol	30.7	10	ug/L	50.00		61	49-107			
2-Methylnaphthalene	38.2	10	ug/L	50.00		76	55-112			
2-Methylphenol	27.5	10	ug/L	50.00		55	40-106			
2-Nitroaniline	41.6	10	ug/L	50.00		83	65-122			
2-Nitrophenol	35.4	10	ug/L	50.00		71	57-115			
3,3'-Dichlorobenzidine	40.8	10	ug/L	50.00		82	58-139			
3/4-Methylphenol	25.9	10	ug/L	50.00		52	34-101			
3-Nitroaniline	42.1	10	ug/L	50.00		84	52-155			
4,6-Dinitro-2-methylphenol	37.9	10	ug/L	50.00		76	49-138			
4-Bromophenyl phenyl ether	41.2	10	ug/L	50.00		82	63-135			
4-Chloro-3-methylphenol	38.3	10	ug/L	50.00		77	33-149			
4-Chloroaniline	39.5	10	ug/L	50.00		79	44-163			
4-Chlorophenyl phenyl ether	39.5	10	ug/L	50.00		79	63-129			
4-Nitroaniline	39.4	10	ug/L	50.00		79	63-147			
4-Nitrophenol	12.5	10	ug/L	50.00		25	10-77			
Acenaphthene	37.3	10	ug/L	50.00		75	64-118			
Acenaphthylene	38.2	10	ug/L	50.00		76	65-119			
Aniline	34.0	10	ug/L	50.00		68	12-197			
Anthracene	44.0	10	ug/L	50.00		88	69-134			
Azobenzene	43.2	10	ug/L	50.00		86	56-129			
Benzo(a)anthracene	42.2	10	ug/L	50.00		84	71-125			
Benzo(a)pyrene	36.8	10	ug/L	50.00		74	67-135			
Benzo(b)fluoranthene	35.3	10	ug/L	50.00		71	56-145			
Benzo(g,h,i)perylene	35.5	10	ug/L	50.00		71	44-149			
Benzo(k)fluoranthene	35.6	10	ug/L	50.00		71	65-138			
Benzoic Acid	BRL	100	ug/L	50.00			10-125			P
Benzyl alcohol	30.6	10	ug/L	50.00		61	35-111			
bis(2-Chloroethoxy)methane	39.6	10	ug/L	50.00		79	49-126			
Bis(2-Chloroethyl)ether	35.9	10	ug/L	50.00		72	47-124			
Bis(2-chloroisopropyl)ether	37.2	10	ug/L	50.00		74	42-126			
Bis(2-Ethylhexyl)phthalate	43.5	10	ug/L	50.00		87	59-139			
Butyl benzyl phthalate	43.0	10	ug/L	50.00		86	67-133			
Chrysene	42.2	10	ug/L	50.00		84	64-124			

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0157 - 3510C MS										
LCS (P4B0157-BS1)				Prepared & Analyzed: 02/11/14						
Dibenzo(a,h)anthracene	36.1	10	ug/L	50.00		72	49-144			
Dibenzofuran	37.6	10	ug/L	50.00		75	68-113			
Diethyl phthalate	41.2	10	ug/L	50.00		82	70-124			
Dimethyl phthalate	40.1	10	ug/L	50.00		80	71-117			
Di-n-butyl phthalate	43.1	10	ug/L	50.00		86	69-128			
Di-n-octyl phthalate	37.2	10	ug/L	50.00		74	52-150			
Fluoranthene	42.8	10	ug/L	50.00		86	66-135			
Fluorene	39.9	10	ug/L	50.00		80	67-124			
Hexachlorobenzene	38.9	10	ug/L	50.00		78	62-124			
Hexachlorobutadiene	30.3	10	ug/L	50.00		61	42-105			
Hexachlorocyclopentadiene	41.8	10	ug/L	50.00		84	32-117			
Hexachloroethane	29.3	10	ug/L	50.00		59	40-99			
Indeno(1,2,3-cd)pyrene	35.3	10	ug/L	50.00		71	40-150			
Isophorone	34.3	10	ug/L	50.00		69	54-125			
Naphthalene	35.6	10	ug/L	50.00		71	54-111			
Nitrobenzene	31.0	10	ug/L	50.00		62	51-117			
N-Nitroso-di-n-propylamine	37.8	10	ug/L	50.00		76	55-115			
N-Nitrosodiphenylamine	42.4	10	ug/L	50.00		85	70-152			
Pentachlorophenol	35.0	10	ug/L	50.00		70	23-139			
Phenanthrene	42.8	10	ug/L	50.00		86	68-128			
Phenol	11.4	10	ug/L	50.00		23	12-58			
Pyrene	43.0	10	ug/L	50.00		86	62-139			
Surrogate: 2,4,6-Tribromophenol	*87.2*		*ug/L*	*100.0*		*87*	*49-109*			
Surrogate: 2-Fluorobiphenyl	*35.8*		*ug/L*	*50.00*		*72*	*55-96*			
Surrogate: 2-Fluorophenol	*38.6*		*ug/L*	*100.0*		*39*	*27-74*			
Surrogate: Nitrobenzene-d5	*37.0*		*ug/L*	*50.00*		*74*	*53-99*			
Surrogate: Phenol-d5	*22.6*		*ug/L*	*100.0*		*23*	*11-52*			
Surrogate: Terphenyl-d14	*40.5*		*ug/L*	*50.00*		*81*	*42-133*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0157 - 3510C MS										
LCS Dup (P4B0157-BSD1)				Prepared & Analyzed: 02/11/14						
1,2,4-Trichlorobenzene	35.6	10	ug/L	50.00		71	45-103	9	20	
1,2-Dichlorobenzene	34.2	10	ug/L	50.00		68	43-100	11	20	
1,3-Dichlorobenzene	33.3	10	ug/L	50.00		67	42-98	12	20	
1,4-Dichlorobenzene	33.0	10	ug/L	50.00		66	42-100	12	20	
1-Methylnaphthalene	40.6	10	ug/L	50.00		81	45-135	6	20	
2,4,5-Trichlorophenol	39.4	10	ug/L	50.00		79	66-120	7	20	
2,4,6-Trichlorophenol	39.6	10	ug/L	50.00		79	62-121	8	20	
2,4-Dichlorophenol	38.8	10	ug/L	50.00		78	58-113	11	20	
2,4-Dimethylphenol	38.4	10	ug/L	50.00		77	42-120	11	20	
2,4-Dinitrophenol	30.9	10	ug/L	50.00		62	27-129	23	20	D
2,4-Dinitrotoluene	35.7	10	ug/L	50.00		71	62-136	0.4	20	
2,6-Dinitrotoluene	35.2	10	ug/L	50.00		70	64-129	0.5	20	
2-Chloronaphthalene	44.7	10	ug/L	50.00		89	38-141	7	20	
2-Chlorophenol	34.9	10	ug/L	50.00		70	49-107	13	20	
2-Methylnaphthalene	40.7	10	ug/L	50.00		81	55-112	6	20	
2-Methylphenol	31.8	10	ug/L	50.00		64	40-106	15	20	
2-Nitroaniline	41.6	10	ug/L	50.00		83	65-122	0.07	20	
2-Nitrophenol	39.5	10	ug/L	50.00		79	57-115	11	20	
3,3'-Dichlorobenzidine	41.3	10	ug/L	50.00		83	58-139	1	20	
3/4-Methylphenol	30.2	10	ug/L	50.00		60	34-101	16	20	
3-Nitroaniline	42.1	10	ug/L	50.00		84	52-155	0.1	20	
4,6-Dinitro-2-methylphenol	42.8	10	ug/L	50.00		86	49-138	12	20	
4-Bromophenyl phenyl ether	42.1	10	ug/L	50.00		84	63-135	2	20	
4-Chloro-3-methylphenol	40.2	10	ug/L	50.00		80	33-149	5	20	
4-Chloroaniline	43.3	10	ug/L	50.00		87	44-163	9	20	
4-Chlorophenyl phenyl ether	40.6	10	ug/L	50.00		81	63-129	3	20	
4-Nitroaniline	40.8	10	ug/L	50.00		82	63-147	3	20	
4-Nitrophenol	13.7	10	ug/L	50.00		27	10-77	9	20	
Acenaphthene	38.8	10	ug/L	50.00		78	64-118	4	20	
Acenaphthylene	40.5	10	ug/L	50.00		81	65-119	6	20	
Aniline	38.4	10	ug/L	50.00		77	12-197	12	20	
Anthracene	44.1	10	ug/L	50.00		88	69-134	0.3	20	
Azobenzene	43.0	10	ug/L	50.00		86	56-129	0.4	20	
Benzo(a)anthracene	42.6	10	ug/L	50.00		85	71-125	0.9	20	
Benzo(a)pyrene	36.7	10	ug/L	50.00		73	67-135	0.4	20	
Benzo(b)fluoranthene	35.2	10	ug/L	50.00		70	56-145	0.2	20	
Benzo(g,h,i)perylene	35.6	10	ug/L	50.00		71	44-149	0.5	20	
Benzo(k)fluoranthene	35.7	10	ug/L	50.00		71	65-138	0.2	20	
Benzoic Acid	BRL	100	ug/L	50.00			10-125		20	P
Benzyl alcohol	34.0	10	ug/L	50.00		68	35-111	11	20	
bis(2-Chloroethoxy)methane	42.5	10	ug/L	50.00		85	49-126	7	20	
Bis(2-Chloroethyl)ether	41.1	10	ug/L	50.00		82	47-124	13	20	
Bis(2-chloroisopropyl)ether	43.1	10	ug/L	50.00		86	42-126	15	20	
Bis(2-Ethylhexyl)phthalate	44.2	10	ug/L	50.00		88	59-139	2	20	
Butyl benzyl phthalate	43.0	10	ug/L	50.00		86	67-133	0.07	20	
Chrysene	42.8	10	ug/L	50.00		86	64-124	1	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0157 - 3510C MS										
LCS Dup (P4B0157-BSD1)				Prepared & Analyzed: 02/11/14						
Dibenzo(a,h)anthracene	36.2	10	ug/L	50.00		72	49-144	0.2	20	
Dibenzofuran	38.6	10	ug/L	50.00		77	68-113	3	20	
Diethyl phthalate	40.9	10	ug/L	50.00		82	70-124	0.5	20	
Dimethyl phthalate	40.2	10	ug/L	50.00		80	71-117	0.4	20	
Di-n-butyl phthalate	42.5	10	ug/L	50.00		85	69-128	1	20	
Di-n-octyl phthalate	37.1	10	ug/L	50.00		74	52-150	0.3	20	
Fluoranthene	42.6	10	ug/L	50.00		85	66-135	0.4	20	
Fluorene	40.4	10	ug/L	50.00		81	67-124	1	20	
Hexachlorobenzene	39.3	10	ug/L	50.00		79	62-124	0.9	20	
Hexachlorobutadiene	34.8	10	ug/L	50.00		70	42-105	14	20	
Hexachlorocyclopentadiene	46.3	10	ug/L	50.00		93	32-117	10	20	
Hexachloroethane	33.3	10	ug/L	50.00		67	40-99	13	20	
Indeno(1,2,3-cd)pyrene	36.2	10	ug/L	50.00		72	40-150	2	20	
Isophorone	37.2	10	ug/L	50.00		74	54-125	8	20	
Naphthalene	38.7	10	ug/L	50.00		77	54-111	8	20	
Nitrobenzene	34.6	10	ug/L	50.00		69	51-117	11	20	
N-Nitroso-di-n-propylamine	41.5	10	ug/L	50.00		83	55-115	9	20	
N-Nitrosodiphenylamine	42.9	10	ug/L	50.00		86	70-152	1	20	
Pentachlorophenol	38.7	10	ug/L	50.00		77	23-139	10	20	
Phenanthrene	42.8	10	ug/L	50.00		86	68-128	0.1	20	
Phenol	13.5	10	ug/L	50.00		27	12-58	17	20	
Pyrene	43.1	10	ug/L	50.00		86	62-139	0.3	20	
Surrogate: 2,4,6-Tribromophenol	*83.0*		*ug/L*	*100.0*		*83*	*49-109*			
Surrogate: 2-Fluorobiphenyl	*37.4*		*ug/L*	*50.00*		*75*	*55-96*			
Surrogate: 2-Fluorophenol	*44.4*		*ug/L*	*100.0*		*44*	*27-74*			
Surrogate: Nitrobenzene-d5	*39.3*		*ug/L*	*50.00*		*79*	*53-99*			
Surrogate: Phenol-d5	*26.1*		*ug/L*	*100.0*		*26*	*11-52*			
Surrogate: Terphenyl-d14	*39.2*		*ug/L*	*50.00*		*78*	*42-133*			

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Falcon Engineering
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Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Organochlorine Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0132 - 3510C GC										
Blank (P4B0132-BLK1)				Prepared: 02/10/14 Analyzed: 02/19/14						
4,4'-DDD	BRL	0.050	ug/L							
4,4'-DDE	BRL	0.050	ug/L							
4,4'-DDT	BRL	0.050	ug/L							
Aldrin	BRL	0.050	ug/L							
alpha-BHC	BRL	0.050	ug/L							
cis-Chlordane	BRL	0.050	ug/L							
beta-BHC	BRL	0.050	ug/L							
Chlordane	BRL	0.50	ug/L							
delta-BHC	BRL	0.050	ug/L							
Dieldrin	BRL	0.050	ug/L							
Endosulfan I	BRL	0.050	ug/L							
Endosulfan II	BRL	0.050	ug/L							
Endosulfan Sulfate	BRL	0.050	ug/L							
Endrin	BRL	0.050	ug/L							
Endrin Aldehyde	BRL	0.050	ug/L							
Endrin Ketone	BRL	0.050	ug/L							
gamma-BHC	BRL	0.050	ug/L							
trans-Chlordane	BRL	0.050	ug/L							
Heptachlor	BRL	0.050	ug/L							
Heptachlor Epoxide	BRL	0.050	ug/L							
Methoxychlor	BRL	0.050	ug/L							
Toxaphene	BRL	0.50	ug/L							
Surrogate: Decachlorobiphenyl	*1.15*		*ug/L*	*1.000*		*115*	*13-186*			
Surrogate: Tetrachloro-m-xylene	*0.940*		*ug/L*	*1.000*		*94*	*40-134*			
LCS (P4B0132-BS1)				Prepared: 02/10/14 Analyzed: 02/19/14						
4,4'-DDD	0.940	0.050	ug/L	1.000		94	66-138			
4,4'-DDE	1.02	0.050	ug/L	1.000		102	67-127			
4,4'-DDT	1.03	0.050	ug/L	1.000		103	66-142			
Aldrin	1.03	0.050	ug/L	1.000		103	62-124			
alpha-BHC	1.00	0.050	ug/L	1.000		100	63-125			
cis-Chlordane	1.05	0.050	ug/L	1.000		105	68-126			
beta-BHC	1.03	0.050	ug/L	1.000		103	65-137			
Chlordane	BRL	0.50	ug/L				50-150			
delta-BHC	1.02	0.050	ug/L	1.000		102	65-132			
Dieldrin	1.00	0.050	ug/L	1.000		100	69-130			
Endosulfan I	1.01	0.050	ug/L	1.000		101	71-129			
Endosulfan II	0.990	0.050	ug/L	1.000		99	73-135			
Endosulfan Sulfate	1.00	0.050	ug/L	1.000		100	72-137			
Endrin	0.970	0.050	ug/L	1.000		97	69-144			
Endrin Aldehyde	0.870	0.050	ug/L	1.000		87	68-139			
Endrin Ketone	0.980	0.050	ug/L	1.000		98	68-150			
gamma-BHC	1.05	0.050	ug/L	1.000		105	66-129			
trans-Chlordane	1.03	0.050	ug/L	1.000		103	66-126			
Heptachlor	0.910	0.050	ug/L	1.000		91	61-136			
Heptachlor Epoxide	1.00	0.050	ug/L	1.000		100	69-131			
Methoxychlor	1.00	0.050	ug/L	1.000		100	70-157			

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Falcon Engineering
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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Organochlorine Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0132 - 3510C GC										
LCS (P4B0132-BS1)				Prepared: 02/10/14 Analyzed: 02/19/14						
Toxaphene	BRL	0.50	ug/L				50-150			
Surrogate: Decachlorobiphenyl	*1.06*		*ug/L*	*1.000*		*106*	*13-186*			
Surrogate: Tetrachloro-m-xylene	*0.920*		*ug/L*	*1.000*		*92*	*40-134*			
LCS (P4B0132-BS2)				Prepared: 02/10/14 Analyzed: 02/19/14						
4,4'-DDD	BRL	0.050	ug/L				66-138			
4,4'-DDE	BRL	0.050	ug/L				67-127			
4,4'-DDT	BRL	0.050	ug/L				66-142			
Aldrin	BRL	0.050	ug/L				62-124			
alpha-BHC	BRL	0.050	ug/L				63-125			
cis-Chlordane	BRL	0.050	ug/L				68-126			
beta-BHC	BRL	0.050	ug/L				65-137			
Chlordane	10.3	0.50	ug/L	10.00		103	50-150			
delta-BHC	BRL	0.050	ug/L				65-132			
Dieldrin	BRL	0.050	ug/L				69-130			
Endosulfan I	BRL	0.050	ug/L				71-129			
Endosulfan II	BRL	0.050	ug/L				73-135			
Endosulfan Sulfate	BRL	0.050	ug/L				72-137			
Endrin	BRL	0.050	ug/L				69-144			
Endrin Aldehyde	BRL	0.050	ug/L				68-139			
Endrin Ketone	BRL	0.050	ug/L				68-150			
gamma-BHC	BRL	0.050	ug/L				66-129			
trans-Chlordane	BRL	0.050	ug/L				66-126			
Heptachlor	BRL	0.050	ug/L				61-136			
Heptachlor Epoxide	BRL	0.050	ug/L				69-131			
Methoxychlor	BRL	0.050	ug/L				70-157			
Toxaphene	BRL	0.50	ug/L				50-150			
Surrogate: Decachlorobiphenyl	*1.60*		*ug/L*	*1.000*		*160*	*13-186*			
Surrogate: Tetrachloro-m-xylene	*0.950*		*ug/L*	*1.000*		*95*	*40-134*			

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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Organochlorine Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0132 - 3510C GC										
LCS (P4B0132-BS3)				Prepared: 02/10/14 Analyzed: 02/19/14						
4,4'-DDD	BRL	0.050	ug/L				66-138			
4,4'-DDE	BRL	0.050	ug/L				67-127			
4,4'-DDT	BRL	0.050	ug/L				66-142			
Aldrin	BRL	0.050	ug/L				62-124			
alpha-BHC	BRL	0.050	ug/L				63-125			
cis-Chlordane	BRL	0.050	ug/L				68-126			
beta-BHC	BRL	0.050	ug/L				65-137			
Chlordane	BRL	0.50	ug/L				50-150			
delta-BHC	BRL	0.050	ug/L				65-132			
Dieldrin	BRL	0.050	ug/L				69-130			
Endosulfan I	BRL	0.050	ug/L				71-129			
Endosulfan II	BRL	0.050	ug/L				73-135			
Endosulfan Sulfate	BRL	0.050	ug/L				72-137			
Endrin	BRL	0.050	ug/L				69-144			
Endrin Aldehyde	BRL	0.050	ug/L				68-139			
Endrin Ketone	BRL	0.050	ug/L				68-150			
gamma-BHC	BRL	0.050	ug/L				66-129			
trans-Chlordane	BRL	0.050	ug/L				66-126			
Heptachlor	BRL	0.050	ug/L				61-136			
Heptachlor Epoxide	BRL	0.050	ug/L				69-131			
Methoxychlor	BRL	0.050	ug/L				70-157			
Toxaphene	10.5	0.50	ug/L	10.00		105	50-150			
Surrogate: Decachlorobiphenyl	*1.24*		*ug/L*	*1.000*		*124*	*13-186*			
Surrogate: Tetrachloro-m-xylene	*0.910*		*ug/L*	*1.000*		*91*	*40-134*			
LCS Dup (P4B0132-BSD1)				Prepared: 02/10/14 Analyzed: 02/19/14						
4,4'-DDD	0.850	0.050	ug/L	1.000		85	66-138	10	20	
4,4'-DDE	0.930	0.050	ug/L	1.000		93	67-127	9	20	
4,4'-DDT	0.930	0.050	ug/L	1.000		93	66-142	10	20	
Aldrin	0.960	0.050	ug/L	1.000		96	62-124	7	20	
alpha-BHC	0.940	0.050	ug/L	1.000		94	63-125	6	20	
cis-Chlordane	0.970	0.050	ug/L	1.000		97	68-126	8	20	
beta-BHC	0.980	0.050	ug/L	1.000		98	65-137	5	20	
Chlordane	BRL	0.50	ug/L				50-150		20	
delta-BHC	0.960	0.050	ug/L	1.000		96	65-132	6	20	
Dieldrin	0.930	0.050	ug/L	1.000		93	69-130	7	20	
Endosulfan I	0.930	0.050	ug/L	1.000		93	71-129	8	20	
Endosulfan II	0.930	0.050	ug/L	1.000		93	73-135	6	20	
Endosulfan Sulfate	0.950	0.050	ug/L	1.000		95	72-137	5	20	
Endrin	0.900	0.050	ug/L	1.000		90	69-144	7	20	
Endrin Aldehyde	0.820	0.050	ug/L	1.000		82	68-139	6	20	
Endrin Ketone	0.920	0.050	ug/L	1.000		92	68-150	6	20	
gamma-BHC	0.990	0.050	ug/L	1.000		99	66-129	6	20	
trans-Chlordane	0.960	0.050	ug/L	1.000		96	66-126	7	20	
Heptachlor	0.850	0.050	ug/L	1.000		85	61-136	7	20	
Heptachlor Epoxide	0.930	0.050	ug/L	1.000		93	69-131	7	20	
Methoxychlor	0.900	0.050	ug/L	1.000		90	70-157	11	20	

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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Organochlorine Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0132 - 3510C GC										
LCS Dup (P4B0132-BSD1)				Prepared: 02/10/14 Analyzed: 02/19/14						
Toxaphene	BRL	0.50	ug/L				50-150		20	
Surrogate: Decachlorobiphenyl	*0.980*		*ug/L*	*1.000*		*98*	*13-186*			
Surrogate: Tetrachloro-m-xylene	*0.870*		*ug/L*	*1.000*		*87*	*40-134*			
Matrix Spike (P4B0132-MS1)	**Source: 4020095-04**			Prepared: 02/10/14 Analyzed: 02/19/14						
4,4'-DDD	2.00	0.10	ug/L	2.000	BRL	100	17-160			
4,4'-DDE	2.06	0.10	ug/L	2.000	BRL	103	10-158			
4,4'-DDT	2.24	0.10	ug/L	2.000	BRL	112	15-171			
Aldrin	2.02	0.10	ug/L	2.000	BRL	101	24-142			
alpha-BHC	1.88	0.10	ug/L	2.000	BRL	94	52-130			
cis-Chlordane	2.10	0.10	ug/L	2.000	BRL	105	18-147			
beta-BHC	2.12	0.10	ug/L	2.000	BRL	106	31-166			
Chlordane	BRL	1.0	ug/L		BRL		50-150			
delta-BHC	2.14	0.10	ug/L	2.000	BRL	107	20-171			
Dieldrin	2.08	0.10	ug/L	2.000	BRL	104	27-148			
Endosulfan I	2.02	0.10	ug/L	2.000	BRL	101	40-141			
Endosulfan II	2.08	0.10	ug/L	2.000	BRL	104	43-146			
Endosulfan Sulfate	2.16	0.10	ug/L	2.000	BRL	108	37-153			
Endrin	2.06	0.10	ug/L	2.000	BRL	103	35-165			
Endrin Aldehyde	1.82	0.10	ug/L	2.000	BRL	91	15-165			
Endrin Ketone	2.04	0.10	ug/L	2.000	BRL	102	36-172			
gamma-BHC	2.04	0.10	ug/L	2.000	BRL	102	45-150			
trans-Chlordane	2.08	0.10	ug/L	2.000	BRL	104	35-136			
Heptachlor	1.80	0.10	ug/L	2.000	BRL	90	38-150			
Heptachlor Epoxide	1.98	0.10	ug/L	2.000	BRL	99	40-141			
Methoxychlor	2.30	0.10	ug/L	2.000	BRL	115	37-187			
Toxaphene	BRL	1.0	ug/L		BRL		50-150			
Surrogate: Decachlorobiphenyl	*2.46*		*ug/L*	*2.000*		*123*	*13-186*			
Surrogate: Tetrachloro-m-xylene	*1.76*		*ug/L*	*2.000*		*88*	*40-134*			

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Organochlorine Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0132 - 3510C GC										
Matrix Spike Dup (P4B0132-MSD1)	**Source: 4020095-04**			Prepared: 02/10/14 Analyzed: 02/19/14						
4,4'-DDD	2.12	0.10	ug/L	2.000	BRL	106	17-160	6	29	
4,4'-DDE	2.26	0.10	ug/L	2.000	BRL	113	10-158	9	38	
4,4'-DDT	2.32	0.10	ug/L	2.000	BRL	116	15-171	4	30	
Aldrin	2.18	0.10	ug/L	2.000	BRL	109	24-142	8	35	
alpha-BHC	2.10	0.10	ug/L	2.000	BRL	105	52-130	11	31	
cis-Chlordane	2.22	0.10	ug/L	2.000	BRL	111	18-147	6	40	
beta-BHC	2.22	0.10	ug/L	2.000	BRL	111	31-166	5	29	
Chlordane	BRL	1.0	ug/L		BRL		50-150		50	
delta-BHC	2.24	0.10	ug/L	2.000	BRL	112	20-171	5	27	
Dieldrin	2.22	0.10	ug/L	2.000	BRL	111	27-148	7	28	
Endosulfan I	2.14	0.10	ug/L	2.000	BRL	107	40-141	6	40	
Endosulfan II	2.20	0.10	ug/L	2.000	BRL	110	43-146	6	32	
Endosulfan Sulfate	2.28	0.10	ug/L	2.000	BRL	114	37-153	5	36	
Endrin	2.18	0.10	ug/L	2.000	BRL	109	35-165	6	27	
Endrin Aldehyde	2.00	0.10	ug/L	2.000	BRL	100	15-165	9	33	
Endrin Ketone	2.16	0.10	ug/L	2.000	BRL	108	36-172	6	29	
gamma-BHC	2.24	0.10	ug/L	2.000	BRL	112	45-150	9	32	
trans-Chlordane	2.20	0.10	ug/L	2.000	BRL	110	35-136	6	34	
Heptachlor	1.98	0.10	ug/L	2.000	BRL	99	38-150	10	36	
Heptachlor Epoxide	2.10	0.10	ug/L	2.000	BRL	105	40-141	6	36	
Methoxychlor	2.40	0.10	ug/L	2.000	BRL	120	37-187	4	34	
Toxaphene	BRL	1.0	ug/L		BRL		50-150		50	
Surrogate: Decachlorobiphenyl	*2.54*		*ug/L*	*2.000*		*127*	*13-186*			
Surrogate: Tetrachloro-m-xylene	*1.92*		*ug/L*	*2.000*		*96*	*40-134*			

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Prism Work Order: 4020095
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Polychlorinated Biphenyls (PCBs) by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0133 - 3510C GC										
Blank (P4B0133-BLK1)				Prepared & Analyzed: 02/10/14						
Aroclor 1016	BRL	0.50	ug/L							
Aroclor 1221	BRL	1.0	ug/L							
Aroclor 1232	BRL	0.50	ug/L							
Aroclor 1242	BRL	0.50	ug/L							
Aroclor 1248	BRL	0.50	ug/L							
Aroclor 1254	BRL	0.50	ug/L							
Aroclor 1260	BRL	0.50	ug/L							
Surrogate: Tetrachloro-m-xylene	*1.01*		*ug/L*	*1.000*		*101*	*30-161*			
Surrogate: Decachlorobiphenyl	*0.720*		*ug/L*	*1.000*		*72*	*32-178*			
LCS (P4B0133-BS1)				Prepared & Analyzed: 02/10/14						
Aroclor 1016	8.98	0.50	ug/L	10.00		90	50-114			
Aroclor 1260	8.58	0.50	ug/L	10.00		86	10-127			
Surrogate: Tetrachloro-m-xylene	*0.970*		*ug/L*	*1.000*		*97*	*30-161*			
Surrogate: Decachlorobiphenyl	*0.600*		*ug/L*	*1.000*		*60*	*32-178*			
LCS Dup (P4B0133-BSD1)				Prepared & Analyzed: 02/10/14						
Aroclor 1016	8.48	0.50	ug/L	10.00		85	50-114	6	50	
Aroclor 1260	7.89	0.50	ug/L	10.00		79	10-127	8	50	
Surrogate: Tetrachloro-m-xylene	*0.980*		*ug/L*	*1.000*		*98*	*30-161*			
Surrogate: Decachlorobiphenyl	*0.560*		*ug/L*	*1.000*		*56*	*32-178*			

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Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0106 - 3010A										
Blank (P4B0106-BLK1)				Prepared & Analyzed: 02/07/14						
Arsenic	BRL	0.010	mg/L							
Barium	BRL	0.010	mg/L							
Cadmium	BRL	0.0010	mg/L							
Chromium	BRL	0.0050	mg/L							
Lead	BRL	0.0050	mg/L							
Selenium	BRL	0.020	mg/L							
Silver	BRL	0.0050	mg/L							
LCS (P4B0106-BS1)				Prepared & Analyzed: 02/07/14						
Arsenic	0.254	0.010	mg/L	0.2500		102	80-120			
Barium	0.252	0.010	mg/L	0.2500		101	80-120			
Cadmium	0.249	0.0010	mg/L	0.2500		100	80-120			
Chromium	0.254	0.0050	mg/L	0.2500		102	80-120			
Lead	0.251	0.0050	mg/L	0.2500		100	80-120			
Selenium	0.251	0.020	mg/L	0.2500		100	80-120			
Silver	0.250	0.0050	mg/L	0.2500		100	80-120			
Matrix Spike (P4B0106-MS1)		**Source: 4020095-02**		Prepared & Analyzed: 02/07/14						
Arsenic	0.249	0.010	mg/L	0.2500	0.00326	98	75-125			
Barium	0.386	0.010	mg/L	0.2500	0.158	91	75-125			
Cadmium	0.224	0.0010	mg/L	0.2500	BRL	89	75-125			
Chromium	0.234	0.0050	mg/L	0.2500	BRL	93	75-125			
Lead	0.230	0.0050	mg/L	0.2500	0.00111	91	75-125			
Selenium	0.254	0.020	mg/L	0.2500	0.0168	95	75-125			
Silver	0.237	0.0050	mg/L	0.2500	BRL	95	75-125			
Matrix Spike Dup (P4B0106-MSD1)		**Source: 4020095-02**		Prepared & Analyzed: 02/07/14						
Arsenic	0.245	0.010	mg/L	0.2500	0.00326	97	75-125	2	20	
Barium	0.382	0.010	mg/L	0.2500	0.158	89	75-125	1	20	
Cadmium	0.221	0.0010	mg/L	0.2500	BRL	88	75-125	1	20	
Chromium	0.231	0.0050	mg/L	0.2500	BRL	93	75-125	1	20	
Lead	0.227	0.0050	mg/L	0.2500	0.00111	91	75-125	1	20	
Selenium	0.250	0.020	mg/L	0.2500	0.0168	93	75-125	2	20	
Silver	0.234	0.0050	mg/L	0.2500	BRL	94	75-125	1	20	

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0163 - 7470A										
Blank (P4B0163-BLK1)				Prepared & Analyzed: 02/11/14						
Mercury	BRL	0.00020	mg/L							
Matrix Spike (P4B0163-MS1)	**Source: 4020095-03**			Prepared & Analyzed: 02/11/14						
Mercury	0.00993	0.00020	mg/L	0.009375	BRL	106	80-120			
Batch P4B0278 - 7470A										
Blank (P4B0278-BLK1)				Prepared & Analyzed: 02/18/14						
Mercury	BRL	0.00020	mg/L							
LCS (P4B0278-BS1)				Prepared & Analyzed: 02/18/14						
Mercury	0.00990	0.00020	mg/L	0.009375		106	80-120			

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020095
Time Submitted: 2/6/2014 9:55:00AM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0080 - NO PREP										
Blank (P4B0080-BLK1)				Prepared & Analyzed: 02/06/14						
Hexavalent Chromium	BRL	0.010	mg/L							
LCS (P4B0080-BS1)				Prepared & Analyzed: 02/06/14						
Hexavalent Chromium	0.381	0.010	mg/L	0.4000		95	90-110			
Matrix Spike (P4B0080-MS1)		**Source: 4020095-02**		Prepared & Analyzed: 02/06/14						
Hexavalent Chromium	0.374	0.010	mg/L	0.4000	BRL	93	85-115			
Matrix Spike Dup (P4B0080-MSD1)		**Source: 4020095-02**		Prepared & Analyzed: 02/06/14						
Hexavalent Chromium	0.375	0.010	mg/L	0.4000	BRL	94	85-115	0.3	20	

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Sample Extraction Data

Prep Method: 3510C GC

Lab Number	Batch	Initial	Final	Date/Time
4020095-01	P4B0132	1000 mL	10 mL	02/10/14 9:20
4020095-02	P4B0132	1000 mL	10 mL	02/10/14 9:20
4020095-03	P4B0132	1000 mL	10 mL	02/10/14 9:20
4020095-04	P4B0132	1000 mL	10 mL	02/10/14 9:20
4020095-05	P4B0132	1000 mL	10 mL	02/10/14 9:20

Prep Method: 3510C GC

Lab Number	Batch	Initial	Final	Date/Time
4020095-01	P4B0133	1000 mL	10 mL	02/10/14 9:20
4020095-02	P4B0133	1000 mL	10 mL	02/10/14 9:20
4020095-03	P4B0133	1000 mL	10 mL	02/10/14 9:20
4020095-04	P4B0133	1000 mL	10 mL	02/10/14 9:20
4020095-05	P4B0133	1000 mL	10 mL	02/10/14 9:20

Prep Method: 3510C MS

Lab Number	Batch	Initial	Final	Date/Time
4020095-01	P4B0157	1000 mL	1 mL	02/11/14 9:00
4020095-02	P4B0157	1000 mL	1 mL	02/11/14 13:00
4020095-03	P4B0157	1000 mL	1 mL	02/11/14 13:00
4020095-04	P4B0157	1000 mL	1 mL	02/11/14 13:00
4020095-05	P4B0157	1000 mL	1 mL	02/11/14 13:00

Prep Method: 3010A

Lab Number	Batch	Initial	Final	Date/Time
4020095-01	P4B0106	50 mL	50 mL	02/07/14 8:50
4020095-01	P4B0106	50 mL	50 mL	02/07/14 8:50
4020095-02	P4B0106	50 mL	50 mL	02/07/14 8:50
4020095-03	P4B0106	50 mL	50 mL	02/07/14 8:50
4020095-04	P4B0106	50 mL	50 mL	02/07/14 8:50
4020095-05	P4B0106	50 mL	50 mL	02/07/14 8:50

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date/Time
4020095-01	P4B0278	20 mL	30 mL	02/18/14 11:10
4020095-02	P4B0278	20 mL	30 mL	02/18/14 11:10
4020095-03	P4B0278	20 mL	30 mL	02/18/14 11:10
4020095-04	P4B0278	20 mL	30 mL	02/18/14 11:10
4020095-05	P4B0278	20 mL	30 mL	02/18/14 11:10

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
4020095-01	P4B0098	10 mL	10 mL	02/06/14 14:00
4020095-02	P4B0098	10 mL	10 mL	02/06/14 14:00
4020095-03	P4B0098	10 mL	10 mL	02/06/14 14:00
4020095-04	P4B0098	10 mL	10 mL	02/06/14 14:00
4020095-05	P4B0098	10 mL	10 mL	02/06/14 14:00

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: 328 MARTIN LUTHER KING JR BLVD
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: FALCON
Address: 1210 TRINITY Rd, RALEIGH NC

Client Company Name: FALCON ENGINEERING
Report To/Contact Name: JOSH DUNBAR
Reporting Address: 1210 TRINITY Rd
RALEIGH NC

Phone: _____ Fax (Yes) (No): _____
Email Address: JDUNBAR@FALCONENGINEERS.COM
EDD Type: PDF ✓ Excel ____ Other _____
Site Location Name: 328 MLK JR BLVD
Site Location Physical Address: 328 MLK JR BLVD
CHAPEL HILL, NC

Purchase Order No./Billing Reference _____
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ❑ Standard 10 days ❑ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IRT-10 Observed: 3.6 °C / Corr: 3.2 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ DoD____ FL____ NC____
SC____ OTHER_____ N/A_____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES___ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSIS REQUESTED 8260	8270	8011	6092	METALS (RCRA8)	Hex Cr	REMARKS	PRISM LAB ID NO.
MW-4	2-5-14	1430	GW					X	X	X	X	X	X	Groundwater	01
MW-3	2-5-14	1500	GW					X	X	X	X	X	X	Groundwater	02
BC-2	2-5-14	1530	SW					X	X	X	X	X	X	BOLIN CREEK SW	03
BC-1	2-5-14	1545	SW					X	X	X	X	X	X	BOWN CREEK SW	04
MW-3A	2-5-14	1600	GW					X	X	X	X	X	X	Groundwater	05

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature Justin Williams Sampled By (Print Name) JUSTIN WILLIAMS Affiliation FALCON

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) Justin Williams	Received By: (Signature) Matt Beaudoin	2/5/14	1630
Relinquished By: (Signature) Matt Beaudoin	Received By: (Signature)	2/6/14	9:25
Relinquished By: (Signature)	Received For Prism Laboratories By:	2/6/14	9:55

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Prism Field Service ❑ Other _____

COC Group No. 402095

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

02/24/2014

Falcon Engineering
Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Lab Submittal Date: 02/07/2014
Prism Work Order: 4020127

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Angela D. Overcash

VP Laboratory Services

Reviewed By Angela D. Overcash

VP Laboratory Services

Data Qualifiers Key Reference:

MI	Matrix spike outside of the control limits. Matrix interference suspected.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

02/24/2014

Prism Work Order: 4020127

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
GP-1	4020127-01	Solid	02/03/14	02/07/14
GP-2	4020127-02	Solid	02/03/14	02/07/14
GP-3	4020127-03	Solid	02/03/14	02/07/14
GP-4	4020127-04	Solid	02/04/14	02/07/14
GP-5	4020127-05	Solid	02/04/14	02/07/14
GP-6	4020127-06	Solid	02/04/14	02/07/14
GP-7	4020127-07	Solid	02/04/14	02/07/14
GP-8	4020127-08	Solid	02/04/14	02/07/14
GP-11	4020127-09	Solid	02/04/14	02/07/14
GP-12	4020127-10	Solid	02/04/14	02/07/14

Samples were received in good condition at 4.6 degrees C unless otherwise noted.

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-1
Prism Sample ID: 4020127-01
Prism Work Order: 4020127
Time Collected: 02/03/14 10:00
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**79.2**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.50	0.19	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.083**	**mg/kg dry**	**0.024**	**0.0082**	**1**	***7471B**	**2/17/14 14:38**	**MEH**	**P4B0244**
Arsenic	**3.5**	**mg/kg dry**	**0.32**	**0.047**	**1**	***6010C**	**2/11/14 20:44**	**BGM**	**P4B0126**
Barium	**86**	**mg/kg dry**	**0.64**	**0.032**	**1**	***6010C**	**2/11/14 20:44**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.32	0.0031	1	*6010C	2/11/14 20:44	BGM	P4B0126
Chromium	**8.8**	**mg/kg dry**	**0.32**	**0.10**	**1**	***6010C**	**2/11/14 20:44**	**BGM**	**P4B0126**
Lead	**26**	**mg/kg dry**	**0.32**	**0.038**	**1**	***6010C**	**2/11/14 20:44**	**BGM**	**P4B0126**
Selenium	BRL	mg/kg dry	0.64	0.078	1	*6010C	2/11/14 20:44	BGM	P4B0126
Silver	BRL	mg/kg dry	0.32	0.0052	1	*6010C	2/11/14 20:44	BGM	P4B0126

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-2
Prism Sample ID: 4020127-02
Prism Work Order: 4020127
Time Collected: 02/03/14 10:30
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**48.1**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.83	0.32	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.24**	**mg/kg dry**	**0.039**	**0.013**	**1**	***7471B**	**2/17/14 14:51**	**MEH**	**P4B0244**
Arsenic	**41**	**mg/kg dry**	**0.51**	**0.075**	**1**	***6010C**	**2/11/14 21:06**	**BGM**	**P4B0126**
Barium	**1100**	**mg/kg dry**	**20**	**1.0**	**20**	***6010C**	**2/12/14 14:11**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.51	0.0049	1	*6010C	2/11/14 21:06	BGM	P4B0126
Chromium	**19**	**mg/kg dry**	**0.51**	**0.17**	**1**	***6010C**	**2/11/14 21:06**	**BGM**	**P4B0126**
Lead	**11**	**mg/kg dry**	**0.51**	**0.060**	**1**	***6010C**	**2/11/14 21:06**	**BGM**	**P4B0126**
Selenium	**4.0**	**mg/kg dry**	**1.0**	**0.12**	**1**	***6010C**	**2/11/14 21:06**	**BGM**	**P4B0126**
Silver	BRL	mg/kg dry	0.51	0.0082	1	*6010C	2/11/14 21:06	BGM	P4B0126

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-3
Prism Sample ID: 4020127-03
Prism Work Order: 4020127
Time Collected: 02/03/14 11:00
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**79.7**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	**0.53**	**mg/kg dry**	**0.50**	**0.19**	**1**	***7196A**	**2/21/14 10:45**	**CDE**	**P4B0315**
Total Metals									
Mercury	**0.42**	**mg/kg dry**	**0.025**	**0.0083**	**1**	***7471B**	**2/17/14 14:56**	**MEH**	**P4B0244**
Arsenic	**48**	**mg/kg dry**	**0.32**	**0.046**	**1**	***6010C**	**2/11/14 21:13**	**BGM**	**P4B0126**
Barium	**1200**	**mg/kg dry**	**32**	**1.6**	**50**	***6010C**	**2/12/14 14:18**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.32	0.0030	1	*6010C	2/11/14 21:13	BGM	P4B0126
Chromium	**23**	**mg/kg dry**	**0.32**	**0.10**	**1**	***6010C**	**2/11/14 21:13**	**BGM**	**P4B0126**
Lead	**39**	**mg/kg dry**	**0.32**	**0.037**	**1**	***6010C**	**2/11/14 21:13**	**BGM**	**P4B0126**
Selenium	BRL	mg/kg dry	0.63	0.076	1	*6010C	2/11/14 21:13	BGM	P4B0126
Silver	BRL	mg/kg dry	0.32	0.0051	1	*6010C	2/11/14 21:13	BGM	P4B0126

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-4
Prism Sample ID: 4020127-04
Prism Work Order: 4020127
Time Collected: 02/04/14 10:30
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**53.3**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.75	0.29	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.51**	**mg/kg dry**	**0.039**	**0.013**	**1**	***7471B**	**2/17/14 15:00**	**MEH**	**P4B0244**
Arsenic	**59**	**mg/kg dry**	**0.48**	**0.070**	**1**	***6010C**	**2/11/14 21:20**	**BGM**	**P4B0126**
Barium	**2900**	**mg/kg dry**	**95**	**4.8**	**100**	***6010C**	**2/12/14 14:25**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.48	0.0046	1	*6010C	2/11/14 21:20	BGM	P4B0126
Chromium	**20**	**mg/kg dry**	**0.48**	**0.15**	**1**	***6010C**	**2/11/14 21:20**	**BGM**	**P4B0126**
Lead	**11**	**mg/kg dry**	**0.48**	**0.056**	**1**	***6010C**	**2/11/14 21:20**	**BGM**	**P4B0126**
Selenium	**5.8**	**mg/kg dry**	**0.95**	**0.12**	**1**	***6010C**	**2/11/14 21:20**	**BGM**	**P4B0126**
Silver	BRL	mg/kg dry	0.48	0.0077	1	*6010C	2/11/14 21:20	BGM	P4B0126

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-5
Prism Sample ID: 4020127-05
Prism Work Order: 4020127
Time Collected: 02/04/14 11:00
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**88.5**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.45	0.17	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.33**	**mg/kg dry**	**0.024**	**0.0080**	**1**	***7471B**	**2/17/14 15:14**	**MEH**	**P4B0244**
Arsenic	**72**	**mg/kg dry**	**0.29**	**0.042**	**1**	***6010C**	**2/11/14 21:29**	**BGM**	**P4B0126**
Barium	**2800**	**mg/kg dry**	**57**	**2.9**	**100**	***6010C**	**2/12/14 14:30**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.29	0.0027	1	*6010C	2/11/14 21:29	BGM	P4B0126
Chromium	**19**	**mg/kg dry**	**0.29**	**0.092**	**1**	***6010C**	**2/11/14 21:29**	**BGM**	**P4B0126**
Lead	**9.5**	**mg/kg dry**	**0.29**	**0.033**	**1**	***6010C**	**2/11/14 21:29**	**BGM**	**P4B0126**
Selenium	**2.6**	**mg/kg dry**	**0.57**	**0.069**	**1**	***6010C**	**2/11/14 21:29**	**BGM**	**P4B0126**
Silver	BRL	mg/kg dry	0.29	0.0046	1	*6010C	2/11/14 21:29	BGM	P4B0126

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Falcon Engineering
Attn: Josh Dunbar
1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-6
Prism Sample ID: 4020127-06
Prism Work Order: 4020127
Time Collected: 02/04/14 11:30
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**78.9**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.51	0.20	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**11**	**mg/kg dry**	**1.4**	**0.48**	**60**	***7471B**	**2/20/14 17:47**	**MEH**	**P4B0339**
Arsenic	**65**	**mg/kg dry**	**0.31**	**0.045**	**1**	***6010C**	**2/11/14 21:36**	**BGM**	**P4B0126**
Barium	**850**	**mg/kg dry**	**31**	**1.6**	**50**	***6010C**	**2/12/14 14:37**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.31	0.0030	1	*6010C	2/11/14 21:36	BGM	P4B0126
Chromium	**19**	**mg/kg dry**	**0.31**	**0.10**	**1**	***6010C**	**2/11/14 21:36**	**BGM**	**P4B0126**
Lead	**27**	**mg/kg dry**	**0.31**	**0.036**	**1**	***6010C**	**2/11/14 21:36**	**BGM**	**P4B0126**
Selenium	**4.1**	**mg/kg dry**	**0.62**	**0.075**	**1**	***6010C**	**2/11/14 21:36**	**BGM**	**P4B0126**
Silver	BRL	mg/kg dry	0.31	0.0050	1	*6010C	2/11/14 21:36	BGM	P4B0126

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1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-7
Prism Sample ID: 4020127-07
Prism Work Order: 4020127
Time Collected: 02/04/14 12:00
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**71.3**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.56	0.22	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.26**	**mg/kg dry**	**0.028**	**0.0093**	**1**	***7471B**	**2/17/14 15:24**	**MEH**	**P4B0244**
Arsenic	**55**	**mg/kg dry**	**0.36**	**0.052**	**1**	***6010C**	**2/11/14 21:43**	**BGM**	**P4B0126**
Barium	**1700**	**mg/kg dry**	**36**	**1.8**	**50**	***6010C**	**2/12/14 14:44**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.36	0.0034	1	*6010C	2/11/14 21:43	BGM	P4B0126
Chromium	**19**	**mg/kg dry**	**0.36**	**0.12**	**1**	***6010C**	**2/11/14 21:43**	**BGM**	**P4B0126**
Lead	**11**	**mg/kg dry**	**0.36**	**0.042**	**1**	***6010C**	**2/11/14 21:43**	**BGM**	**P4B0126**
Selenium	**4.3**	**mg/kg dry**	**0.72**	**0.087**	**1**	***6010C**	**2/11/14 21:43**	**BGM**	**P4B0126**
Silver	BRL	mg/kg dry	0.36	0.0058	1	*6010C	2/11/14 21:43	BGM	P4B0126

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Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-8
Prism Sample ID: 4020127-08
Prism Work Order: 4020127
Time Collected: 02/04/14 12:30
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**51.8**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.76	0.29	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.29**	**mg/kg dry**	**0.038**	**0.013**	**1**	***7471B**	**2/17/14 15:29**	**MEH**	**P4B0244**
Arsenic	**54**	**mg/kg dry**	**0.48**	**0.070**	**1**	***6010C**	**2/11/14 21:51**	**BGM**	**P4B0126**
Barium	**4100**	**mg/kg dry**	**95**	**4.8**	**100**	***6010C**	**2/12/14 14:52**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.48	0.0045	1	*6010C	2/11/14 21:51	BGM	P4B0126
Chromium	**20**	**mg/kg dry**	**0.48**	**0.15**	**1**	***6010C**	**2/11/14 21:51**	**BGM**	**P4B0126**
Lead	**9.2**	**mg/kg dry**	**0.48**	**0.056**	**1**	***6010C**	**2/11/14 21:51**	**BGM**	**P4B0126**
Selenium	**4.5**	**mg/kg dry**	**0.95**	**0.12**	**1**	***6010C**	**2/11/14 21:51**	**BGM**	**P4B0126**
Silver	BRL	mg/kg dry	0.48	0.0076	1	*6010C	2/11/14 21:51	BGM	P4B0126

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1210 Trinity Road
Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-11
Prism Sample ID: 4020127-09
Prism Work Order: 4020127
Time Collected: 02/04/14 13:00
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**79.8**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.50	0.19	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.35**	**mg/kg dry**	**0.024**	**0.0082**	**1**	***7471B**	**2/17/14 15:33**	**MEH**	**P4B0244**
Arsenic	**16**	**mg/kg dry**	**0.31**	**0.046**	**1**	***6010C**	**2/11/14 21:59**	**BGM**	**P4B0126**
Barium	**450**	**mg/kg dry**	**13**	**0.63**	**20**	***6010C**	**2/12/14 14:57**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.31	0.0030	1	*6010C	2/11/14 21:59	BGM	P4B0126
Chromium	**16**	**mg/kg dry**	**0.31**	**0.10**	**1**	***6010C**	**2/11/14 21:59**	**BGM**	**P4B0126**
Lead	**23**	**mg/kg dry**	**0.31**	**0.037**	**1**	***6010C**	**2/11/14 21:59**	**BGM**	**P4B0126**
Selenium	BRL	mg/kg dry	0.63	0.076	1	*6010C	2/11/14 21:59	BGM	P4B0126
Silver	BRL	mg/kg dry	0.31	0.0050	1	*6010C	2/11/14 21:59	BGM	P4B0126

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Project: 828 Martin Luther King Jr Blvd.

Sample Matrix: Solid

Client Sample ID: GP-12
Prism Sample ID: 4020127-10
Prism Work Order: 4020127
Time Collected: 02/04/14 13:30
Time Submitted: 02/07/14 08:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**59.9**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/10/14 16:00**	**JAB**	**P4B0148**
Hexavalent Chromium	BRL	mg/kg dry	0.67	0.26	1	*7196A	2/21/14 10:45	CDE	P4B0315
Total Metals									
Mercury	**0.28**	**mg/kg dry**	**0.033**	**0.011**	**1**	***7471B**	**2/17/14 15:38**	**MEH**	**P4B0244**
Arsenic	**52**	**mg/kg dry**	**0.42**	**0.062**	**1**	***6010C**	**2/11/14 22:05**	**BGM**	**P4B0126**
Barium	**2000**	**mg/kg dry**	**42**	**2.1**	**50**	***6010C**	**2/12/14 15:04**	**BGM**	**P4B0126**
Cadmium	BRL	mg/kg dry	0.42	0.0041	1	*6010C	2/11/14 22:05	BGM	P4B0126
Chromium	**19**	**mg/kg dry**	**0.42**	**0.14**	**1**	***6010C**	**2/11/14 22:05**	**BGM**	**P4B0126**
Lead	**14**	**mg/kg dry**	**0.42**	**0.050**	**1**	***6010C**	**2/11/14 22:05**	**BGM**	**P4B0126**
Selenium	**2.1**	**mg/kg dry**	**0.85**	**0.10**	**1**	***6010C**	**2/11/14 22:05**	**BGM**	**P4B0126**
Silver	BRL	mg/kg dry	0.42	0.0068	1	*6010C	2/11/14 22:05	BGM	P4B0126

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Attn: Josh Dunbar
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Raleigh, NC 27607

Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020127
Time Submitted: 2/7/2014 8:35:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0126 - 3050B										
Blank (P4B0126-BLK1)				Prepared: 02/10/14 Analyzed: 02/11/14						
Arsenic	BRL	0.25	mg/kg wet							
Barium	BRL	0.50	mg/kg wet							
Cadmium	BRL	0.25	mg/kg wet							
Chromium	BRL	0.25	mg/kg wet							
Lead	BRL	0.25	mg/kg wet							
Selenium	BRL	0.50	mg/kg wet							
Silver	BRL	0.25	mg/kg wet							
LCS (P4B0126-BS1)				Prepared: 02/10/14 Analyzed: 02/11/14						
Arsenic	21.5	0.24	mg/kg wet	24.39		88	80-120			
Barium	22.6	0.49	mg/kg wet	24.39		93	80-120			
Cadmium	21.0	0.24	mg/kg wet	24.39		86	80-120			
Chromium	22.9	0.24	mg/kg wet	24.39		94	80-120			
Lead	21.3	0.24	mg/kg wet	24.39		87	80-120			
Selenium	20.9	0.49	mg/kg wet	24.39		86	80-120			
Silver	22.4	0.24	mg/kg wet	24.39		92	80-120			
Matrix Spike (P4B0126-MS1)	**Source: 4020127-01**			Prepared: 02/10/14 Analyzed: 02/11/14						
Arsenic	26.4	0.32	mg/kg dry	32.38	3.50	71	75-125			MI
Barium	99.0	0.65	mg/kg dry	32.38	86.4	39	75-125			MI
Cadmium	23.5	0.32	mg/kg dry	32.38	0.0590	72	75-125			MI
Chromium	36.7	0.32	mg/kg dry	32.38	8.75	86	75-125			
Lead	35.9	0.32	mg/kg dry	32.38	26.3	30	75-125			MI
Selenium	23.2	0.65	mg/kg dry	32.38	BRL	72	75-125			MI
Silver	28.1	0.32	mg/kg dry	32.38	BRL	87	75-125			
Matrix Spike Dup (P4B0126-MSD1)	**Source: 4020127-01**			Prepared: 02/10/14 Analyzed: 02/11/14						
Arsenic	26.8	0.31	mg/kg dry	31.25	3.50	74	75-125	1	20	MI
Barium	119	0.63	mg/kg dry	31.25	86.4	105	75-125	19	20	
Cadmium	21.1	0.31	mg/kg dry	31.25	0.0590	67	75-125	11	20	MI
Chromium	41.5	0.31	mg/kg dry	31.25	8.75	105	75-125	12	20	
Lead	38.0	0.31	mg/kg dry	31.25	26.3	37	75-125	6	20	MI
Selenium	20.0	0.63	mg/kg dry	31.25	BRL	64	75-125	15	20	MI
Silver	25.3	0.31	mg/kg dry	31.25	BRL	81	75-125	10	20	

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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020127
Time Submitted: 2/7/2014 8:35:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0126 - 3050B										
Post Spike (P4B0126-PS1)		**Source: 4020127-01**		Prepared: 02/10/14 Analyzed: 02/11/14						
Arsenic	0.907		mg/L	1.000	0.109	80	80-120			
Barium	3.36		mg/L	1.000	2.70	67	80-120			MI
Cadmium	0.734		mg/L	1.000	0.00184	73	80-120			MI
Chromium	1.06		mg/L	1.000	0.273	79	80-120			MI
Lead	1.52		mg/L	1.000	0.820	69	80-120			MI
Selenium	0.745		mg/L	1.000	-0.0472	79	80-120			MI
Silver	0.859		mg/L	1.000	-0.00195	86	80-120			
Batch P4B0244 - 7471B										
Blank (P4B0244-BLK1)				Prepared & Analyzed: 02/17/14						
Mercury	BRL	0.018	mg/kg wet							
LCS (P4B0244-BS1)				Prepared & Analyzed: 02/17/14						
Mercury	0.422	0.019	mg/kg wet	0.3968		106	80-120			
Matrix Spike (P4B0244-MS1)		**Source: 4020127-01**		Prepared & Analyzed: 02/17/14						
Mercury	0.634	0.024	mg/kg dry	0.5010	0.0833	110	80-120			
Matrix Spike Dup (P4B0244-MSD1)		**Source: 4020127-01**		Prepared & Analyzed: 02/17/14						
Mercury	0.762	0.028	mg/kg dry	0.5739	0.0833	118	80-120	18	20	
Batch P4B0339 - 7471B										
Blank (P4B0339-BLK1)				Prepared & Analyzed: 02/20/14						
Mercury	BRL	0.020	mg/kg wet							

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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020127
Time Submitted: 2/7/2014 8:35:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0339 - 7471B										
LCS (P4B0339-BS1)				Prepared & Analyzed: 02/20/14						
Mercury	0.458	0.020	mg/kg wet	0.4237		108	80-120			

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Project: 828 Martin Luther King Jr Blvd.

Prism Work Order: 4020127
Time Submitted: 2/7/2014 8:35:00AM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B0148 - NO PREP										
Blank (P4B0148-BLK1)				Prepared & Analyzed: 02/10/14						
% Solids	100	0.100	% by Weight							
Duplicate (P4B0148-DUP5)		**Source: 4020127-05**		Prepared & Analyzed: 02/10/14						
% Solids	88.9	0.100	% by Weight		88.5			0.5	20	
Batch P4B0315 - NO PREP										
Blank (P4B0315-BLK1)				Prepared: 02/19/14 Analyzed: 02/21/14						
Hexavalent Chromium	BRL	0.40	mg/kg wet							
LCS (P4B0315-BS1)				Prepared: 02/19/14 Analyzed: 02/21/14						
Hexavalent Chromium	15.3	0.40	mg/kg wet	16.00		96	90-110			

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Sample Extraction Data

Prep Method: 3050B

Lab Number	Batch	Initial	Final	Date/Time
4020127-01	P4B0126	1.97 g	50 mL	02/10/14 9:50
4020127-02	P4B0126	2.03 g	50 mL	02/10/14 9:50
4020127-02	P4B0126	2.03 g	50 mL	02/10/14 9:50
4020127-03	P4B0126	1.99 g	50 mL	02/10/14 9:50
4020127-03	P4B0126	1.99 g	50 mL	02/10/14 9:50
4020127-04	P4B0126	1.97 g	50 mL	02/10/14 9:50
4020127-04	P4B0126	1.97 g	50 mL	02/10/14 9:50
4020127-05	P4B0126	1.98 g	50 mL	02/10/14 9:50
4020127-05	P4B0126	1.98 g	50 mL	02/10/14 9:50
4020127-06	P4B0126	2.04 g	50 mL	02/10/14 9:50
4020127-06	P4B0126	2.04 g	50 mL	02/10/14 9:50
4020127-07	P4B0126	1.96 g	50 mL	02/10/14 9:50
4020127-07	P4B0126	1.96 g	50 mL	02/10/14 9:50
4020127-08	P4B0126	2.03 g	50 mL	02/10/14 9:50
4020127-08	P4B0126	2.03 g	50 mL	02/10/14 9:50
4020127-09	P4B0126	2 g	50 mL	02/10/14 9:50
4020127-09	P4B0126	2 g	50 mL	02/10/14 9:50
4020127-10	P4B0126	1.97 g	50 mL	02/10/14 9:50
4020127-10	P4B0126	1.97 g	50 mL	02/10/14 9:50

Prep Method: 7471B

Lab Number	Batch	Initial	Final	Date/Time
4020127-01	P4B0244	0.62 g	50 mL	02/17/14 9:30
4020127-02	P4B0244	0.64 g	50 mL	02/17/14 9:30
4020127-03	P4B0244	0.61 g	50 mL	02/17/14 9:30
4020127-04	P4B0244	0.58 g	50 mL	02/17/14 9:30
4020127-05	P4B0244	0.57 g	50 mL	02/17/14 9:30
4020127-06	P4B0339	0.64 g	50 mL	02/20/14 10:40
4020127-07	P4B0244	0.61 g	50 mL	02/17/14 9:30
4020127-08	P4B0244	0.61 g	50 mL	02/17/14 9:30
4020127-09	P4B0244	0.62 g	50 mL	02/17/14 9:30
4020127-10	P4B0244	0.61 g	50 mL	02/17/14 9:30

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PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: 828 MARTIN LUTHER KING JR BLVD
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: FALCON
Address: 1210 TRINITY RD, RALEIGH NC

Client Company Name: FALCON ENGINEERING
Report To/Contact Name: JOSH DUNBAR
Reporting Address: 1210 TRINITY RD, RALEIGH NORTH CAROLINA
Phone: _____ Fax (Yes) (No): _____
Email Address: JDUNBAR@FALCONENGINEERS.COM
EDD Type: PDF ✓ Excel ___ Other _____
Site Location Name: 828 MLK JR BLVD
Site Location Physical Address: 828 MLK JR BLVD

Purchase Order No./Billing Reference _____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: 127-IR Observed: 5.0 °C / Corr: 4.6 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ DoD ___ FL ___ NC ___ SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ___
Sample Iced Upon Collection: YES ___ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED: METALS & RCRA	ANALYSIS REQUESTED: HCl	REMARKS	PRISM LAB ID NO.
GP-1	2-3-14	1000	SOIL	G				X	X	8-12'	01
GP-2	2-3-14	1030	SOIL	G				X	X	26-28'	02
GP-3	2-3-14	1100	SOIL	G				X	X	10-12'	03
GP-4	2-4-14	1030	SOIL	G				X	X	10-12'	04
GP-5	2-4-14	1100	SOIL	G				X	X	4-6'	05
GP-6	2-4-14	1130	SOIL	G				X	X	9-11'	06
GP-7	2-4-14	1200	SOIL	G				X	X	10-12'	07
GP-8	2-4-14	1230	SOIL	G				X	X	11-15'	08
GP-11	2-4-14	1300	SOIL	G				X	X	4-6'	09
GP-12	2-4-14	1350	SOIL	G				X	X	2-4'	10

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: Justin Williams | Sampled By (Print Name): JUSTIN WILLIAMS | Affiliation: FALCON ENGINEERING

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	2/6/14	1230
Relinquished By: (Signature)	Received By: (Signature)	~~2/7/14~~	~~0835~~ RPS 2.6.14 1715
Relinquished By: (Signature)	Received For Prism Laboratories By:	2/7/14	0835 ~~0815~~ 0835

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other _____

COC Group No. 2/7/14 402127

Additional Comments:

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL