# ENVIRONMENTAL SUBSURFACE EVALUATION

## PRINCE GEORGE'S COUNTY HOSPITAL
## 3001 HOSPITAL DRIVE
## CHEVERLY, PRINCE GEORGE'S COUNTY, MARYLAND

**ECS PROJECT NO. 47:10416-A**

**FOR**

**UNIVERSITY OF MARYLAND MEDICAL SYSTEM**

**OCTOBER 13, 2020**

October 13, 2020

Stephanie Lachell
University of Maryland Medical System
900 Elkridge Landing Road
Linthicum Heights, Maryland 21090

ECS Project No. 47:10416-A

Reference: Environmental Subsurface Evaluation
Prince George's County Hospital
3001 Hospital Drive
Cheverly, Maryland 20785

Dear Ms. Michetti:

Pursuant to your request, ECS Mid-Atlantic, LLC (ECS) is pleased to provide you with the results of our environmental subsurface evaluation performed at the above referenced property (Figure 1). Our services were provided in accordance with ECS Proposal No. 47:15720-EPR, dated August 24, 2020.

## BACKGROUND

ECS previously conducted a Phase I Environmental Site Assessment (ESA) for the subject property and issued a report dated July 2, 2020 (ECS Project No. 47:10416). At the time of the report's completion, the approximately 20.9-acre subject property was developed with various structures and paved parking areas associated with the Prince George's Hospital Center. The following Recognized Environmental Conditions (RECs) were identified during the Phase I ESA:

- *"A concrete vault containment was observed surrounding a 275-gallon used oil AST and apparent discarded open containers containing petroleum product, located within the vicinity of the on-site power plant. The bottom and sides of the vault containment are subsurface and the system integrity could not be determined. A standing pool of liquid suspected to be impacted with petroleum product was observed in this secondary containment. The presence of this apparent impacted liquid is considered an REC of the subject site."*

- *"**PG County General Hospital (Facility ID #1469), 3001 Hospital Drive (Subject Site)** – Five OCP cases were listed in association with the subject site, which involved releases and subsequent cleanups, and/or documented groundwater contamination. Five currently in use USTs (two 20,000-gallon heating oil USTs, two 5,000-gallon diesel USTs, and one 3,000-gallon diesel UST), and four permanently out of use USTs (two diesel USTs and two heating oil USTs with unreported*

*capacities) were listed in association with the property. Observation wells were observed in the immediate vicinity of the tank fields observed during site reconnaissance. However, the MDE Facility Summary for the subject site indicates that interstitial tank or piping monitoring systems are not utilized at the subject site. Based on the documented releases of petroleum product at the subject site, as well as the on-going use of petroleum product containing USTs at the site, these listings are considered RECs of the subject site."*

## SCOPE OF WORK

ECS performed the following tasks in an effort to evaluate the RECs outlined above and to assess potential impacts to the subsurface soil and groundwater at the Site.

### Utility Clearance

Prior to commencing with field activities, ECS contacted Miss Utility to locate/mark public utilities at the site. Our experience indicates that Miss Utility will not locate utilities beyond the point of distribution (meters or gauge points) on private property. As a result, ECS contracted a private utility company to clear boring locations prior to drilling.

### Ground Penetrating Radar (GPR) Methodologies

On September 16, 2020, ECS representative Mr. Andrew Young performed a Ground Penetrating Radar (GPR) survey over portions of the subject site. The GPR survey was performed in an effort to confirm the location of onsite USTs and underground fuel lines and utilities. During the GPR survey cross-sectional images of subsurface conditions are derived from reflected energy of high frequency electromagnetic waves. Reflections of these waves occur where a variation in material properties occurs. For this assessment, this may include reflections from utilities, underground storage tanks, soil horizons, groundwater tables, disturbed soils, buried foundations, buried pavements, or other subsurface conditions where a contrast in the electrical properties of the subsurface materials is encountered.

During this study, a GSSI Utility Scan Pro ground penetrating radar system was utilized to collect GPR scans of the test areas. This unit may provide data to a maximum depth of exploration of approximately 40 feet below the ground surface. GPR transects were spaced approximately five feet apart in the study area. Although GPR has successfully been used on several sites to identify the location of USTs, GPR also has inherent limitations that may limit the effectiveness of the study.

### Soil Sampling Methodologies

In an effort to further evaluate the identified RECs, ECS mobilized to the subject site and a total of 12 soil probes (B-1 to B-12) were advanced using a track-mounted GeoProbe™ direct push equipment to depths ranging from approximately 14.0 to 20.0 feet below ground surface (bgs). The GeoProbe™ uses a hydraulic hammer to push 2-inch diameter steel

macrocore sampling tubes into the ground in five-foot intervals. The sampling tube is lined with a polyethylene sleeve. When the sampling tube is withdrawn from the ground, the sleeve is removed containing a relatively undisturbed soil core. It should be noted that ECS was unable to advance soil probes directly adjacent to the northernmost UST due to the presence of temporary Covid-19 treatment structures and associated aboveground utilities. As a result, boring S-12 was placed approximately 30 feet northwest and downgradient to this UST. Soil sample locations are depicted on the attached Figures 2A, 2B, and 2C.

Soil samples were field-screened for the presence of hydrocarbon in one-foot intervals throughout the depth of each boring using a hand-held 10.6 eV photoionization detector (PID). Soil samples were collected for laboratory analysis based on PID readings and visual and olfactory observations.

The selected soil samples were transferred to clean laboratory-grade glass jars with Teflon lids. The samples were packed on ice and submitted under chain-of-custody protocol to an independent laboratory. All soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) Diesel Range Organics (DRO) and Gasoline Range Organics (TPH-GRO) using EPA Method 8015 in addition to Volatile Organic Compounds (VOCs) via EPA Method 8260.

Water Sampling Methodologies

Saturated soil was encountered only in probe S-8 at a depth of approximately 10 feet below grade and this probe was converted into a temporary groundwater sampling point (SBTW-8). Given the depth to saturated soil it is likely that this saturated zone is a perched layer of water and is not representative of true groundwater.

The temporary groundwater sampling point was constructed of dedicated 1-inch diameter PVC pipe. Factory-slotted PVC was placed within the water column to allow groundwater to flow into the sampling point. Water was allowed to collect in the sample point and the points were developed and sampled using a surface pump and dedicated tubing.

The groundwater samples were placed into laboratory-grade jars, placed on ice and submitted to an independent laboratory for chemical analysis of TPH-GRO and TPH-DRO via EPA Method 8015 in addition to VOCs using EPA Method 8260.

## RESULTS

GPR Survey Results

The GPR survey identified subsurface anomalies with dimensions consist with underground storage tanks. It should be noted that due to onsite geological conditions in the vicinity of the southernmost tank field, ECS was unable to detect subsurface features in this portion of the site. As a result, ECS was unable to determine the precise extent of these heating oil USTs and soil borings were advanced adjacent to the monitoring wells at this location. The areas of known USTs are depicted in Figures 2A, 2B, and 2C.

Soil Sampling Results

ECS collected soil samples from the twelve (12) GeoProbe™ points advanced at the Site (Figures 2A, 2B, and 2C). The soil borings were generally advanced in proximity to the onsite USTs and the onsite AST vault. No field indicators of petroleum impacts, including petroleum staining or odors, were detected above background concentrations in the soil probes. Probe logs are included as Attachment A.

The results of the soil laboratory analysis were compared to applicable MDE Cleanup Criteria for Residential Use as well as Non-Residential Use. Based upon the laboratory analytical results, concentrations of contaminants of potential concern did not exceed applicable residential or non-residential cleanup standards in the soil samples submitted for analysis. The results of soil sample laboratory analysis are included in Attachment B and are summarized in Table 1.

Water Sampling Results

ECS collected a subsurface water sample from one (1) GeoProbe™ probe advanced at the Site (Figure 2B). Saturated soil was encountered in probe S-8 at a depth of approximately 10 feet bgs.

Concentrations of TPH-GRO and VOCs were not detected in the sample at concentrations which exceed applicable laboratory detection limits. TPH-DRO was detected at a concentration of 380 micrograms per liter (ug/L) in groundwater sample SBTW-8, which exceeds the applicable MDE Groundwater Quality Standard of 47 ug/L. However, the method for TPH-DRO will also detect naturally occurring organics and not just petroleum hydrocarbons.

The results of the groundwater laboratory analyses are included in Attachment B and are summarized on Table 2.

## CONCLUSIONS & RECOMMENDATIONS

Concentrations of contaminants of potential concern did not exceed applicable MDE cleanup standards in any of the soil or groundwater samples collected onsite with the exception of TPH-DRO in water sample SBTW-8. However, the MDE groundwater quality criteria are screening areas and not mandatory cleanup values. It is common for elevated levels of TPH-DRO/GRO to be detected in developed areas of Maryland and ECS considers the TPH-DRO concentration detected in SBTW-8 to represent a *de minimis* condition. As a result, the MDE typically would not require additional assessment or remediation of the groundwater based upon the detectable concentrations.

However, it should be noted that although concentrations of contaminants of potential concern did not exceed MDE criteria in the soil samples, petroleum hydrocarbons were

detectable in the soil and water. It is not clear if these detections are a result of previous releases, new releases or a result of naturally occurring organics in the soil. ECS understands that these USTs are scheduled for removal. Based upon the sample results, it is likely that some limited soil remediation will be required at the time of the UST closures.

## LIMITATIONS

The study was conducted in general accordance with industry standards. It should be noted, however, the samples should be considered isolated data points and do not reflect homogeneous subsurface conditions. While the assessment was conducted to evaluate the presence of subsurface compounds of concern, the purpose of this study did not include determining the complete vertical and/or lateral extent of impacts, if any, at this site. The subsurface sampling points were selected based on the site history, likely areas where subsurface contamination might be present, and/or potential exposure pathways.

The conclusions and/or recommendations presented within this report are based upon a reasonable level of study within normal bounds and standards of professional practice for a site in this geographic and geologic setting. The intent of this assessment is to identify the presence of environmental contamination in the subsurface of the site. Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken.

No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client and is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by an undesignated third party or parties will be at the sole risk of the third party or parties and ECS disclaims liability for such third party use or reliance.

ECS has appreciated the opportunity to work with you on this project. If you have any questions regarding this report, or other aspects of the project, please feel free to contact us at (410) 859-4300.

Respectfully submitted,

**ECS MID-ATLANTIC, LLC**

Taylor Witt
Assistant Staff Project Manager

Michael Bell, CHMM
Environmental Principal

Appendix:

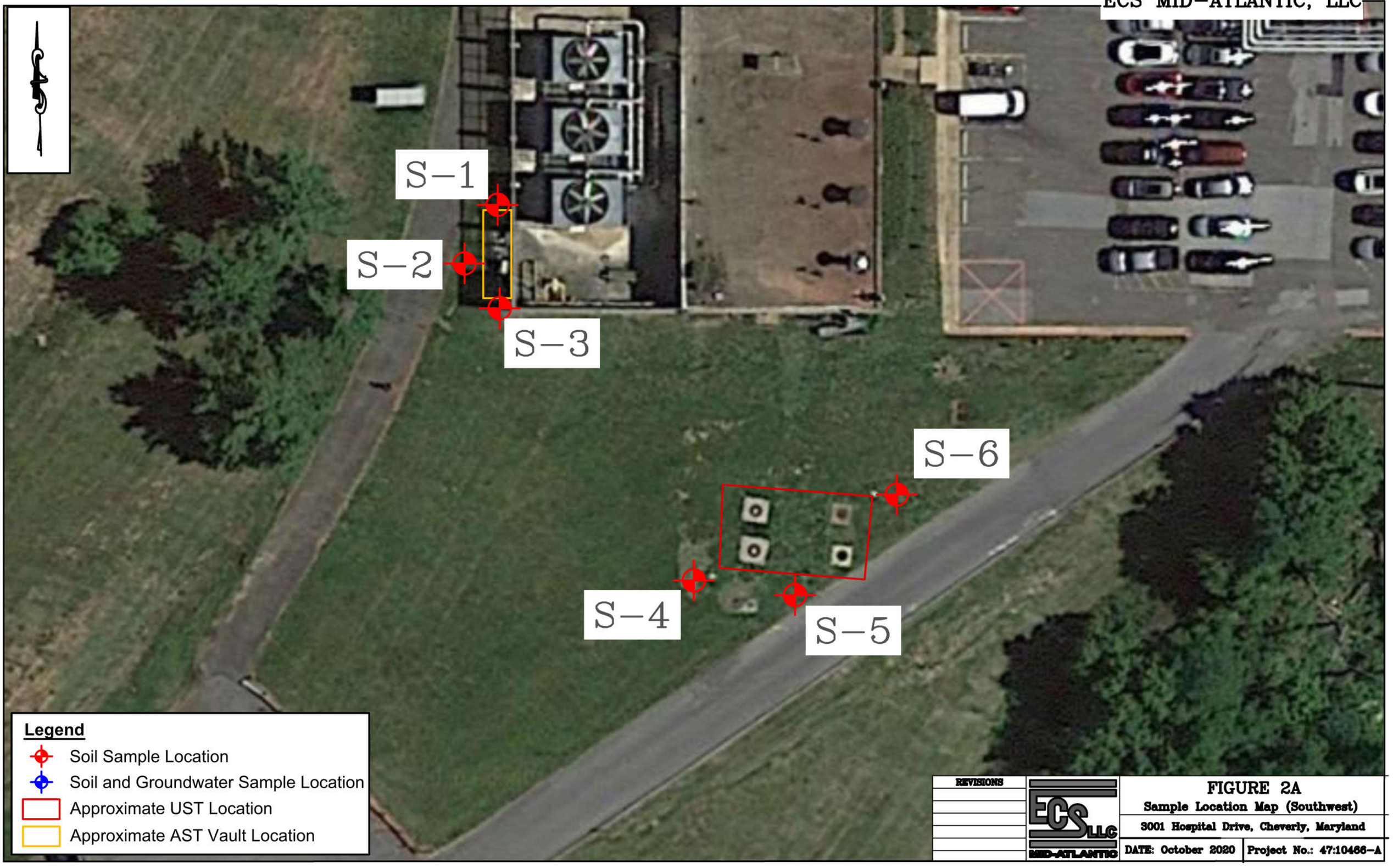
Figure 1: Site Location Map
Figures 2A-2C: Sample Location Maps
Table 1: Soil Sample Laboratory Summary
Table 2: Groundwater Sample Laboratory Summary
Attachment A: Probe Logs
Attachment B: Soil and Groundwater Laboratory Results

Figures


**Figure 1**

Site Location Map
Prince George's County Hospital
3001 Hospital Drive
Cheverly, Maryland 20785

ECS MID-ATLANTIC, LLC




| REVISIONS | ECS LLC MID-ATLANTIC | FIGURE 2A<br>Sample Location Map (Southwest)<br>3001 Hospital Drive, Cheverly, Maryland |
|---|---|---|
| | | DATE: October 2020 \| Project No.: 47:10466-A |

ECS MID-ATLANTIC, LLC


| REVISIONS | FIGURE 2B |
|---|---|
| | Sample Location Map (Central) |
| | 3001 Hospital Drive, Cheverly, Maryland |
| | DATE: October 2020 \| Project No.: 47:10466-A |

ECS MID-ATLANTIC, LLC


| REVISIONS | | FIGURE 2C |
|---|---|---|
| | | Sample Location Map (North) |
| | | 3001 Hospital Drive, Cheverly, Maryland |
| | | DATE: October 2020 \| Project No.: 47:10466-A |

Tables

**Table 1**
Soil Sample Analytical Results

| **Sample ID** | S-1 | S-2 | S-3 | S-4 | S-5 | S-6 | S-7 | S-8 | S-9 | S-10 | S-11 | S-12 | Residential Cleanup Standards [1] (mg/kg) | Non-Residential Cleanup Standards [1] (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Collected** | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | 3/28/19 | | |
| **Sample Depth (Feet)** | 8-10 | 9-11 | 8-10 | 10-12 | 16-18 | 8-10 | 12-14 | 8-10 | 10-12 | 12-14 | 10-12 | 8-10 | | |
| ***Total Petroleum Hydrocarbons by EPA Method 8015 (mg/kg)*** | | | | | | | | | | | | | | |
| TPH-GRO | ND (0.11) | ND (0.12) | ND (0.12) | 0.31 | ND (0.11) | ND (0.11) | ND (0.12) | ND (0.12) | ND (0.12) | ND (0.11) | ND (0.12) | ND (0.12) | 230 | 620 |
| TPH-DRO | ND (8.4) | ND (9.4) | ND (9.4) | 126 | 117 | 44.1 | ND (9.4) | ND (9.3) | ND (9.4) | ND (9.2) | ND (9.3) | ND (9.4) | 230 | 620 |
| ***Volatile Organic Compounds by EPA Method 8260B (mg/kg)*** | | | | | | | | | | | | | | |
| Acetone | ND (0.0105) | 0.018 | ND (0.0118) | 0.0268 | 0.0862 | ND (0.0109) | ND (0.0118) | ND (0.0116) | ND (0.0118) | ND (0.0115) | ND (0.0116) | 0.0684 | 6,100 | 67,000 |
| sec-Butylbenzene | ND (0.0021) | ND (0.0024) | ND (0.0024) | 0.0033 | ND (0.0022) | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0024) | NP | NP |
| Methylene chloride | 0.0354 | 0.0355 | 0.0369 | 0.0267 | 0.0402 | 0.0326 | 0.0387 | 0.0366 | 0.0375 | 0.0341 | 0.0382 | 0.0302 | 35 | 320 |
| Naphthalene | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0024) | 0.0101 | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0024) | 3.8 | 17 |

(1) Standard based upon Maryland Department of the Environment Cleanup Standards for Soil and Groundwater Interim Final Guidance, published October 2018
^ Anticipated Typical Concentration (ATC) for Western Maryland
Bolded and Oulined cell indicates exceedence of applicable standard
ND #: Not Detected (Method Detection Limit)
NP = Not Published (The MDE has no published standard)
NS = Not Sampled
mg/kg = parts per million (millgrams per kilogram)

**Table 2**
Groundwater Sample Results

| **Sample ID** | SBTW-8 | MDE Groundwater |
|---|---|---|
| **Date Collected** | 9/22/2020 | Standards (ug/L) |
| ***Total Petroleum Hydrocarbons by EPA Method 8015 (ug/L)*** | | |
| TPH-GRO | ND (100) | 47 |
| TPH-DRO | **380** | 47 |
| ***Volatile Organic Compounds by EPA Method 8260B (ug/L)*** | | |
| Chloroform | 6.9 | 80 |
| Dichlorofluoromethane (Freon 21) | 19.8 | NP |
| Trichlorofluoromethane (Freon 11) | 104 | NP |

Maryland Department of the Environment Cleanup Standards for Soil and Groundwater; published 2018
Bolded and Oulined cell indicates exceedence of applicable standard
ND #: Not Detected (Method Detection Limit)
NP = Not Published (The MDE has no published standard)
J = Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag)
$\mu g/m^3$ = parts per billion (micrograms per cubic meter)

Attachment A
Soil Boring Logs

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-01** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **459955.0** | **1334456.9** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| | | | | | **Topsoil** | Topsoil |
| | | | | | **CH/MH** | Brown Silt and Clay |
| 5 -5 | | | | | **CH/MH** | Brown and Orange Silt and Clay |
| | 0.0 | S-1 | | | **SP/SW** | Brown and Orange Sand |
| 10 -10 | | | | | **SC** | Brown and Orange Sand and Clay |
| 15 -15 | | | | | **SP/SW** | Brown, Orange, and Gray Sand |
| | | | | | **SP/SW** | Orange Sand |
| 20 -20 | | | | | | **END OF DRILLING AT 20.0 FT** |
| 25 -25 | | | | | | |
| 30 | | | | | | |

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

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|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-02** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **459935.0** | **1334449.8** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| 0 | | | | | **Topsoil** | Topsoil |
| | | | | | **CH/MH** | Brown Silt and Clay |
| | | | | | **Gravel** | Gravel |
| 5 / -5 | | | | | **SC** | Orange and Brown Sand and Clay |
| | | | | | **SP/SW** | Orange Sand |
| 10 / -10 | 0.0 | S-2 | | | **SP/SW** | Orange and Black Sand |
| | | | | | **SC** | Orange and Brown Sand and Clay |
| 15 / -15 | | | | | | Refusal encountered at 15.0 feet. |
| | | | | | | **END OF DRILLING AT 15.0 FT** |
| 20 / -20 | | | | | | |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

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|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

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|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-03** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **459924.8** | **1334454.1** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| | | | | | **Topsoil** | Topsoil |
| | | | | | **SC** | Brown and Orange Sand and Clay |
| 5 / -5 | | | | | | |
| | 0.0 | S-3 | | | | |
| 10 / -10 | | | | | | |
| | | | | | **SP/SW** | White and Orange Sand |
| 15 / -15 | | | | | | |
| | | | | | **SP/SW** | Brown and Orange Sand |
| 20 / -20 | | | | | | **END OF DRILLING AT 20.0 FT** |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

| | |
|---|---|
| ▽ WL (First Encountered) | Boring Started: **Sep 22 2020** |
| ▼ WL (Completion) | Boring Completed: **Sep 22 2020** |
| Remarks: | Logged By: **TJW** |
| | Principal Engineer/ Responsible PG: |

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| Project Name: **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-04** |
| Client: **University of Maryland Medical System** | Project No.: **47:10416-A** | | |
| Site Location: **3001 Hospital Drive, Cheverly, MD 20785** | Driller: **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: **459859.3** | **1334513.9** | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| 0 | | | | | **Topsoil** | Topsoil |
| | | | | | **Void** | No Recovery |
| 5 / -5 | | | | | **SC** | Brown and Black Sand and Clay |
| | | | | | **SP/SW** | Brown Sand |
| 10 / -10 | 0.0 | S-4 | | | **SC** | Brown and Black Sand and Clay |
| 15 / -15 | | | | | | |
| 20 / -20 | | | | | | **END OF DRILLING AT 20.0 FT** |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

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|---|---|
| ▽ WL (First Encountered) | Boring Started: **Sep 22 2020** |
| ▼ WL (Completion) | Boring Completed: **Sep 22 2020** |
| Remarks: | Logged By: **TJW** |
| | Principal Engineer/ Responsible PG: |

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|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-05** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **459847.3** | **1334531.5** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| 0 | | | | | **Topsoil** | Topsoil |
| 5 / -5 | | | | | **SP/SW** | Brown and Orange Sand |
| 10 / -10 | | | | | **Void** | No Recovery |
| 15 / -15 | | | | | **SP/SW** | Brown Sand |
| | 0.8 | S-5 | | | **CH/CL** | Brown Clay |
| | | | | | **SM/MH** | Brown and Black Silt and Sand |
| 20 / -20 | | | | | **SM/MH** | Brown Silt and Sand |
| | | | | | | **END OF DRILLING AT 20.0 FT** |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

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|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-06** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **459875.4** | **1334560.5** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| | | | | | **Topsoil** | Topsoil |
| | | | | | **CH/CL** | Brown Clay |
| | 0.0 | S-6 | | | **SC** | Brown Sand and Clay |
| | | | | | **Void** | No Recovery |
| | | | | | **SP/SW** | Brown and Orange Sand |
| | | | | | | **END OF DRILLING AT 20.0 FT** |

5 -5
10 -10
15 -15
20 -20
25 -25
30

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

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|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-07** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **460113.5** | **1334874.3** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| 0 | | | | | **Asphalt** | Asphalt |
| | | | | | **Gravel** | Gravel |
| | | | | | **CH/CL** | Brown and Orange Clay |
| 5 / -5 | | | | | | |
| | | | | | **CH/CL** | Tan Clay |
| | | | | | **SP/SW** | Brown Sand |
| 10 / -10 | | | | | **CH/CL** | Brown and Orange Clay |
| | | S-7 | | | **CH/MH** | Gray Silt and Clay |
| 15 / -15 | 0.0 | | | | | Refusal encountered at 15.0 feet. |
| | | | | | | **END OF DRILLING AT 15.0 FT** |
| 20 / -20 | | | | | | |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-08** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **460147.0** | **1334884.3** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description | WELL CONSTRUCTION |
|---|---|---|---|---|---|---|---|
| 0 | | | | | **Concrete** | Concrete | |
| | | | | | **Gravel** | Gravel | |
| | | | | | | Brown and Orange Clay | |
| 5 / -5 | | | | | **CH/CL** | | |
| | 0.0 | S-8 | | | **SP/SW** | Brown Sand | |
| | | | | | **CH/MH** | Tan Silt and Clay | |
| 10 / -10 ▼ | | SBTW-8 | | | **SP/SW** | Brown Sand | |
| | | | | | **CH/CL** | Gray Clay | |
| | | | | | **CH/CL** | Red Clay | |
| 15 / -15 | | | | | | Refusal encountered at 14.0 feet. | |
| | | | | | | **END OF DRILLING AT 14.0 FT** | |
| 20 / -20 | | | | | | | |
| 25 / -25 | | | | | | | |
| 30 | | | | | | | |

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | **10.00** | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | **10.00** | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-09** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **460022.5** | **1334953.2** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| 0 | | | | | **Asphalt** | Asphalt |
| | | | | | **Gravel** | Gravel |
| | | | | | **CH/CL** | Brown and Red Clay |
| 5 / -5 | | | | | | |
| | | | | | **CH/CL** | Tan Clay |
| 10 / -10 | 0.0 | S-9 | | | **CH/CL** | Brown and Yellow Clay |
| | | | | | **CH/MH** | Tan Silt and Clay |
| 15 / -15 | | | | | **SC** | Brown Sand and Clay |
| 20 / -20 | | | | | | **END OF DRILLING AT 20.0 FT** |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-10** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **460035.2** | **1334908.6** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| 0 | | | | | **Topsoil** | Topsoil |
| 5 / -5 | | | | | **CH/CL** | Brown Clay |
| 10 / -10 | | | | | **CH/CL** | Tan and Orange Clay |
| | 0.0 | S-10 | | | **CH/CL** | Brown Clay |
| 15 / -15 | | | | | **CH/CL** | Gray Clay |
| 20 / -20 | | | | | **SC** | Brown Sand and Clay |
| | | | | | | **END OF DRILLING AT 20.0 FT** |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-11** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **460051.6** | **1334932.7** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| | | | | | **Concrete** | Concrete |
| | | | | | **Gravel** | Gravel |
| | | | | | | Brown and Red Sand and Clay |
| 5 / -5 | | | | | **SC** | |
| | | | | | **SP/SW** | Brown, Red, and Orange Sand |
| 10 / -10 | 0.0 | S-11 | | | **SC** | Brown and Orange Sand and Clay |
| | | | | | **SC** | Red and Brown Sand and Clay |
| | | | | | **CH/MH** | Orange Silt and Clay |
| 15 / -15 | | | | | | Refusal encountered at 14.8 feet. |
| | | | | | | **END OF DRILLING AT 14.8 FT** |
| 20 / -20 | | | | | | |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

| | |
|---|---|
| ▽ WL (First Encountered) | Boring Started: **Sep 22 2020** |
| ▼ WL (Completion) | Boring Completed: **Sep 22 2020** |
| Remarks: | Logged By: **TJW** |
| | Principal Engineer/ Responsible PG: |

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | **Prince George's County Hospital** | Sheet: **1 of 1** | Boring No: | **S-12** | |
| Client: | **University of Maryland Medical System** | Project No.: **47:10416-A** | | | |
| Site Location: | **3001 Hospital Drive, Cheverly, MD 20785** | Driller: | **Benner Geoservices** | Drill Rig: | **GeoProbe** |
| Coordinates: | **460556.2** | **1334775.0** | | Elevation: | |

| Depth/Elevation | PID Reading | Sample Number | Sample Recovery (in) | Graphic Log | Soil Classification | Description |
|---|---|---|---|---|---|---|
| 0 | | | | | **Topsoil** | Topsoil |
| 5 / -5 | | | | | **CH/MH** | Brown Silt and Clay |
| 10 / -10 | 0.0 | S-12 | | | **CH/CL** | Brown and Black Clay |
| 15 / -15 | | | | | **SC** | Orange Sand and Clay |
| | | | | | **CH/CL** | Red Clay |
| 20 / -20 | | | | | | Refusal encountered at 18.5 feet.<br>**END OF DRILLING AT 18.5 FT** |
| 25 / -25 | | | | | | |
| 30 | | | | | | |

| | | | |
|---|---|---|---|
| ▽ WL (First Encountered) | | Boring Started: | **Sep 22 2020** |
| ▼ WL (Completion) | | Boring Completed: | **Sep 22 2020** |
| Remarks: | | Logged By: | **TJW** |
| | | Principal Engineer/ Responsible PG: | |

Attachment B
Analytical Lab Results

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

01 October 2020

Mike Bell
ECS-Baltimore
1340 Charwood Rd, Suite A
Baltimore, MD 21076

RE: Prince George's County Hospital

Enclosed are the results of analyses for samples received by the laboratory on 09/22/20 15:00.

Maryland Spectral Services, Inc. is a TNI 2009 Standard accredited laboratory and as such, all analyses performed at Maryland Spectral Services included in this report are 2009 TNI certified except as indicated at the end of this report. Please visit our website at www.mdspectral.com for a complete listing of our TNI 2009 Standard accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Will Brewington
President

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

| Client Sample ID | Alternate Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|---|
| S-1 | | 0092215-01 | Soil | 09/22/20 08:30 | 09/22/20 15:00 |
| S-2 | | 0092215-02 | Soil | 09/22/20 09:00 | 09/22/20 15:00 |
| S-3 | | 0092215-03 | Soil | 09/22/20 09:30 | 09/22/20 15:00 |
| S-4 | | 0092215-04 | Soil | 09/22/20 10:00 | 09/22/20 15:00 |
| S-5 | | 0092215-05 | Soil | 09/22/20 10:30 | 09/22/20 15:00 |
| S-6 | | 0092215-06 | Soil | 09/22/20 11:00 | 09/22/20 15:00 |
| S-7 | | 0092215-07 | Soil | 09/22/20 11:30 | 09/22/20 15:00 |
| S-8 | | 0092215-08 | Soil | 09/22/20 12:00 | 09/22/20 15:00 |
| S-9 | | 0092215-09 | Soil | 09/22/20 12:30 | 09/22/20 15:00 |
| S-10 | | 0092215-10 | Soil | 09/22/20 13:00 | 09/22/20 15:00 |
| S-11 | | 0092215-11 | Soil | 09/22/20 13:30 | 09/22/20 15:00 |
| S-12 | | 0092215-12 | Soil | 09/22/20 14:00 | 09/22/20 15:00 |
| SBTW-8 | | 0092215-13 | Nonpotable Water | 09/22/20 12:00 | 09/22/20 15:00 |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-1

**0092215-01 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 10.5 | 10.5 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 52.6 | 52.6 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Benzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Bromoform | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Bromomethane | ND | | ug/kg dry | 5.3 | 5.3 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 52.6 | 52.6 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 10.5 | 10.5 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Chloroethane | ND | | ug/kg dry | 5.3 | 5.3 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Chloroform | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Chloromethane | ND | | ug/kg dry | 5.3 | 5.3 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |



Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-1

**0092215-01 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 2-Hexanone | ND | | ug/kg dry | 10.5 | 10.5 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 10.5 | 10.5 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| **Methylene chloride** | **35.4** | L | ug/kg dry | 21.1 | 21.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Naphthalene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Styrene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Toluene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-1

**0092215-01 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| o-Xylene | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.3 | 2.1 | 1 | 09/25/20 | 09/25/20 18:58 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *92 %* | | *09/25/20* | | *09/25/20 18:58* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *91 %* | | *09/25/20* | | *09/25/20 18:58* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *108 %* | | *09/25/20* | | *09/25/20 18:58* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.11 | 0.11 | 1 | 09/24/20 | 09/24/20 00:55 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *101 %* | | *09/24/20* | | *09/24/20 00:55* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 8.4 | 8.4 | 1 | 09/22/20 | 09/23/20 21:50 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *83 %* | | *09/22/20* | | *09/23/20 21:50* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **95** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-2

**0092215-02 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| **Acetone** | **18.0** | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Benzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Bromoform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Bromomethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Chloroethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Chloroform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Chloromethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Will Brewington, President

All analyses performed at Maryland Spectral Services included in the report are TNI certified except as indicated at the end of the report.

# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-2

**0092215-02 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| **Methylene chloride** | **35.5** | L | ug/kg dry | 23.5 | 23.5 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Naphthalene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Styrene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Toluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-2

**0092215-02 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| o-Xylene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:25 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *94 %* | | *09/25/20* | | *09/25/20 19:25* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *93 %* | | *09/25/20* | | *09/25/20 19:25* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *108 %* | | *09/25/20* | | *09/25/20 19:25* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 01:24 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *101 %* | | *09/24/20* | | *09/24/20 01:24* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.4 | 9.4 | 1 | 09/22/20 | 09/23/20 22:16 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *70 %* | | *09/22/20* | | *09/23/20 22:16* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **85** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-3

**0092215-03 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Benzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Bromoform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Bromomethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Chloroethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Chloroform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Chloromethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |



Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-3

**0092215-03 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| **Methylene chloride** | **36.9** | L | ug/kg dry | 23.5 | 23.5 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Naphthalene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Styrene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Toluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-3

**0092215-03 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| o-Xylene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 19:52 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *96 %* | | *09/25/20* | | *09/25/20 19:52* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *91 %* | | *09/25/20* | | *09/25/20 19:52* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *108 %* | | *09/25/20* | | *09/25/20 19:52* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 01:53 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *100 %* | | *09/24/20* | | *09/24/20 01:53* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.4 | 9.4 | 1 | 09/22/20 | 09/24/20 00:56 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *82 %* | | *09/22/20* | | *09/24/20 00:56* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **85** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-4

**0092215-04 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| **Acetone** | **26.8** | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Benzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Bromoform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Bromomethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| **sec-Butylbenzene** | **3.3** | J | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Chloroethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Chloroform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Chloromethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-4

**0092215-04 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| **Methylene chloride** | **26.7** | L | ug/kg dry | 23.5 | 23.5 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Naphthalene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Styrene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Toluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-4

**0092215-04 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| o-Xylene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 20:19 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *95 %* | | *09/25/20* | | *09/25/20 20:19* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *88 %* | | *09/25/20* | | *09/25/20 20:19* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *112 %* | | *09/25/20* | | *09/25/20 20:19* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| **Gasoline-Range Organics** | **0.31** | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 02:22 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *98 %* | | *09/24/20* | | *09/24/20 02:22* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **126** | | mg/kg dry | 9.4 | 9.4 | 1 | 09/22/20 | 09/24/20 01:23 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *97 %* | | *09/22/20* | | *09/24/20 01:23* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **85** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-5

**0092215-05 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| **Acetone** | **86.2** | | ug/kg dry | 11.2 | 11.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 56.2 | 56.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Benzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Bromoform | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Bromomethane | ND | | ug/kg dry | 5.6 | 5.6 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 56.2 | 56.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.2 | 11.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Chloroethane | ND | | ug/kg dry | 5.6 | 5.6 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Chloroform | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Chloromethane | ND | | ug/kg dry | 5.6 | 5.6 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-5

**0092215-05 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.2 | 11.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.2 | 11.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| **Methylene chloride** | **40.2** | L | ug/kg dry | 22.5 | 22.5 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| **Naphthalene** | **10.1** | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Styrene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Toluene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-5

**0092215-05 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| o-Xylene | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.6 | 2.2 | 1 | 09/25/20 | 09/25/20 20:45 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *91 %* | | *09/25/20* | | *09/25/20 20:45* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *91 %* | | *09/25/20* | | *09/25/20 20:45* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *110 %* | | *09/25/20* | | *09/25/20 20:45* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.11 | 0.11 | 1 | 09/24/20 | 09/24/20 02:50 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *101 %* | | *09/24/20* | | *09/24/20 02:50* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **117** | | mg/kg dry | 9.0 | 9.0 | 1 | 09/22/20 | 09/24/20 01:50 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *73 %* | | *09/22/20* | | *09/24/20 01:50* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **89** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-6

**0092215-06 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 10.9 | 10.9 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 54.3 | 54.3 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Benzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Bromoform | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Bromomethane | ND | | ug/kg dry | 5.4 | 5.4 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 54.3 | 54.3 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 10.9 | 10.9 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Chloroethane | ND | | ug/kg dry | 5.4 | 5.4 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Chloroform | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Chloromethane | ND | | ug/kg dry | 5.4 | 5.4 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-6

**0092215-06 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 2-Hexanone | ND | | ug/kg dry | 10.9 | 10.9 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 10.9 | 10.9 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| **Methylene chloride** | **32.6** | L | ug/kg dry | 21.7 | 21.7 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Naphthalene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Styrene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Toluene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-6

**0092215-06 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| o-Xylene | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.4 | 2.2 | 1 | 09/25/20 | 09/25/20 21:13 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *93 %* | *09/25/20* | | *09/25/20 21:13* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *92 %* | *09/25/20* | | *09/25/20 21:13* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *109 %* | *09/25/20* | | *09/25/20 21:13* | | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.11 | 0.11 | 1 | 09/24/20 | 09/24/20 03:19 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *100 %* | *09/24/20* | | *09/24/20 03:19* | | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **44.1** | | mg/kg dry | 17.4 | 17.4 | 2 | 09/22/20 | 09/24/20 02:17 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *81 %* | *09/22/20* | | *09/24/20 02:17* | | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **92** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-7

**0092215-07 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Benzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Bromoform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Bromomethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Chloroethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Chloroform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Chloromethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-7

**0092215-07 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| **Methylene chloride** | **38.7** | L | ug/kg dry | 23.5 | 23.5 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Naphthalene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Styrene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Toluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-7

**0092215-07 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| o-Xylene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 21:39 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *94 %* | | *09/25/20* | | *09/25/20 21:39* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *92 %* | | *09/25/20* | | *09/25/20 21:39* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *107 %* | | *09/25/20* | | *09/25/20 21:39* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 03:48 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *101 %* | | *09/24/20* | | *09/24/20 03:48* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.4 | 9.4 | 1 | 09/22/20 | 09/24/20 02:43 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *73 %* | | *09/22/20* | | *09/24/20 02:43* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **85** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-8

**0092215-08 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.1 | 58.1 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Benzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Bromoform | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Bromomethane | ND | | ug/kg dry | 5.8 | 5.8 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.1 | 58.1 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Chloroethane | ND | | ug/kg dry | 5.8 | 5.8 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Chloroform | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Chloromethane | ND | | ug/kg dry | 5.8 | 5.8 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-8

**0092215-08 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| **Methylene chloride** | **36.6** | L | ug/kg dry | 23.3 | 23.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Naphthalene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Styrene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Toluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |

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410-247-7600
www.mdspectral.com

# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-8

**0092215-08 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| o-Xylene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/25/20 | 09/25/20 22:06 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *92 %* | | *09/25/20* | | *09/25/20 22:06* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *92 %* | | *09/25/20* | | *09/25/20 22:06* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *107 %* | | *09/25/20* | | *09/25/20 22:06* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 04:16 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *102 %* | | *09/24/20* | | *09/24/20 04:16* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.3 | 9.3 | 1 | 09/22/20 | 09/24/20 03:10 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *77 %* | | *09/22/20* | | *09/24/20 03:10* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **86** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-9

**0092215-09 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Benzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Bromoform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Bromomethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Chloroethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Chloroform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Chloromethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-9

**0092215-09 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| **Methylene chloride** | **37.5** | L | ug/kg dry | 23.5 | 23.5 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Naphthalene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Styrene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Toluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-9

**0092215-09 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| o-Xylene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/25/20 | 09/25/20 22:33 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *95 %* | | *09/25/20* | | *09/25/20 22:33* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *92 %* | | *09/25/20* | | *09/25/20 22:33* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *109 %* | | *09/25/20* | | *09/25/20 22:33* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 04:45 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *102 %* | | *09/24/20* | | *09/24/20 04:45* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.4 | 9.4 | 1 | 09/22/20 | 09/24/20 03:37 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *80 %* | | *09/22/20* | | *09/24/20 03:37* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **85** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-10

**0092215-10 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 57.5 | 57.5 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Benzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Bromoform | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Bromomethane | ND | | ug/kg dry | 5.7 | 5.7 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 57.5 | 57.5 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Chloroethane | ND | | ug/kg dry | 5.7 | 5.7 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Chloroform | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Chloromethane | ND | | ug/kg dry | 5.7 | 5.7 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |



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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-10

**0092215-10 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| **Methylene chloride** | **34.1** | L, B | ug/kg dry | 23.0 | 23.0 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Naphthalene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Styrene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Toluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-10

**0092215-10 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| o-Xylene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 09/28/20 | 09/28/20 11:13 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *95 %* | *09/28/20* | | *09/28/20 11:13* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *91 %* | *09/28/20* | | *09/28/20 11:13* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *103 %* | *09/28/20* | | *09/28/20 11:13* | | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.11 | 0.11 | 1 | 09/24/20 | 09/24/20 05:14 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *100 %* | *09/24/20* | | *09/24/20 05:14* | | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.2 | 9.2 | 1 | 09/22/20 | 09/24/20 04:03 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *64 %* | *09/22/20* | | *09/24/20 04:03* | | *S-FAIL* |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **87** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-11

**0092215-11 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| Acetone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.1 | 58.1 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Benzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Bromoform | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Bromomethane | ND | | ug/kg dry | 5.8 | 5.8 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.1 | 58.1 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Chloroethane | ND | | ug/kg dry | 5.8 | 5.8 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Chloroform | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Chloromethane | ND | | ug/kg dry | 5.8 | 5.8 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-11

**0092215-11 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| **Methylene chloride** | **38.2** | L, B | ug/kg dry | 23.3 | 23.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Naphthalene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Styrene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Toluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-11

**0092215-11 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| o-Xylene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 09/28/20 | 09/28/20 11:41 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *95 %* | | | *09/28/20* | *09/28/20 11:41* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *90 %* | | | *09/28/20* | *09/28/20 11:41* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *106 %* | | | *09/28/20* | *09/28/20 11:41* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 05:42 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *102 %* | | | *09/24/20* | *09/24/20 05:42* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.3 | 9.3 | 1 | 09/22/20 | 09/24/20 04:30 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *70 %* | | | *09/22/20* | *09/24/20 04:30* | |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **86** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-12

**0092215-12 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS** | | | | | | | | | |
| **Acetone** | **68.4** | B | ug/kg dry | 11.8 | 11.8 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Benzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Bromobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Bromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Bromodichloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Bromoform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Bromomethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| tert-Butanol (TBA) | ND | | ug/kg dry | 58.8 | 58.8 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| n-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| sec-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| tert-Butylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Carbon disulfide | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Carbon tetrachloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Chlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Chloroethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Chloroform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Chloromethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Dibromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Dibromomethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-12

**0092215-12 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Ethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 2-Hexanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| **Methylene chloride** | **30.2** | L, B | ug/kg dry | 23.5 | 23.5 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Naphthalene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| n-Propylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Styrene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Tetrachloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Toluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Trichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |

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Will Brewington, President

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## S-12

**0092215-12 (Soil)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by 5030-GCMS (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| Vinyl chloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| o-Xylene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| m- & p-Xylenes | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 09/28/20 | 09/28/20 12:08 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *94 %* | | *09/28/20* | | *09/28/20 12:08* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *91 %* | | *09/28/20* | | *09/28/20 12:08* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *65-120* | *105 %* | | *09/28/20* | | *09/28/20 12:08* | |
| **GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC** | | | | | | | | | |
| Gasoline-Range Organics | ND | | mg/kg dry | 0.12 | 0.12 | 1 | 09/24/20 | 09/24/20 06:11 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *101 %* | | *09/24/20* | | *09/24/20 06:11* | |
| **DIESEL RANGE ORGANICS BY EPA 3540/8015C Prepared by 3540-GC(Soxhlet)** | | | | | | | | | |
| Diesel-Range Organics (C10-C28) | ND | | mg/kg dry | 9.4 | 9.4 | 1 | 09/22/20 | 09/24/20 04:57 | SJA |
| *Surrogate: o-Terphenyl* | | | *70-130* | *69 %* | | *09/22/20* | | *09/24/20 04:57* | *S-FAIL* |
| **PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids** | | | | | | | | | |
| **Percent Solids** | **85** | | % | | | 1 | 09/23/20 | 09/24/20 09:57 | MH |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## SBTW-8

**0092215-13 (Nonpotable Water)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| tert-Amyl alcohol (TAA) | ND | | ug/L | 20.0 | 20.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| tert-Amyl methyl ether (TAME) | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Benzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| tert-Butanol (TBA) | ND | | ug/L | 15.0 | 15.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Chloroethane | ND | | ug/L | 5.0 | 5.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| **Chloroform** | **6.9** | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## SBTW-8

**0092215-13 (Nonpotable Water)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| **Dichlorofluoromethane** | **19.8** | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Diisopropyl ether (DIPE) | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Methyl tert-butyl ether (MTBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Methylene chloride | ND | | ug/L | 10.0 | 10.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Toluene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| **Trichlorofluoromethane (Freon 11)** | **104** | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## SBTW-8

**0092215-13 (Nonpotable Water)**
**Sample Date: 09/22/20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| o-Xylene | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| m- & p-Xylenes | ND | | ug/L | 2.0 | 1.0 | 1 | 09/30/20 | 09/30/20 14:03 | AS |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *104 %* | *09/30/20* | | *09/30/20 14:03* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *98 %* | *09/30/20* | | *09/30/20 14:03* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *98 %* | *09/30/20* | | *09/30/20 14:03* | | |
| **GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES** | | | | | | | | | |
| Gasoline-Range Organics | ND | | ug/L | 100 | 100 | 1 | 09/23/20 | 09/23/20 21:42 | CMK |
| *Surrogate: a,a,a-Trifluorotoluene [2C]* | | | *85-115* | *102 %* | *09/23/20* | | *09/23/20 21:42* | | |
| **DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **0.38** | | mg/L | 0.22 | 0.22 | 1 | 09/23/20 | 09/25/20 17:53 | SJA |
| *Surrogate: o-Terphenyl* | | | *60-120* | *99 %* | *09/23/20* | | *09/25/20 17:53* | | |

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# Analytical Results

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**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

Maryland Spectral Services does not maintain certification for the following analytical parameters:

**Maryland Spectral Services**

Matrix , Method , Analyte

Soil | 8260 (Full List) | Hexachlorobutadiene

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# Analytical Results

**Project: Prince George's County Hospital**

Project Number: 47:10416-A
Project Manager: Mike Bell

**Reported:**
10/01/20 11:33

## Notes and Definitions

| | |
|---|---|
| S-FAIL | Surrogate recovery was outside of established QC limits |
| L | Analyte is a possible laboratory contaminant |
| J | Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag). |
| B | Analyte is found in the associated blank as well as in the sample (CLP B-flag). |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |
| %-Solids | Percent Solids is a supportive test and as such does not require accreditation |



Will Brewington, President

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# CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

Matrix Codes: NW (nonpotable water)
PW (potable water)

| Company Name: | Project Manager: |
|---|---|
| ECS Mid-Atlantic | Mike Bell |
| **Project Name:** | **Project ID:** |
| Prince George's County Hospital | 47: 10416-A |
| **Sampler(s):** | **P.O. Number:** |
| Taylor WHT | |

| Field Sample ID | Date | Time | Water | Soil | Other | No. of Containers | Analysis Requested: See Attached | Preservative: 1÷ 1 HCL, $H_2SO_4$, Methanol, $Na_2S_2O_3$, $NaHCO_3$ | Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank | MSS Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| See Attached | | | | | | | ✓ | | | 00922215-01/13 |
| | | | | | | | | | | |
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| | | | | | | | | | | |

| Relinquished by: *(Signature)* | Date/Time | Received by: *(Signature)* | Relinquished by: *(Signature)* | Date/Time | Received by: *(Signature)* |
|---|---|---|---|---|---|
| *(Printed)* Taylor WHT | 9/22/2020 1500 | *(Printed)* | *(Printed)* | | *(Printed)* |
| Relinquished by: *(Signature)* | Date/Time | Received by Lab: *(Signature)* | | | |
| *(Printed)* | 9/22/20 15:00 | *(Printed)* Rachel Horner | | | |

**Turn Around Time:**

- ☑ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☐ 3 day
- ☐ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

**Lab Use:**

Temp: 13.0 °C
- ☑ Received on Ice
- ☑ Received same day
- ☐ Preservation Appropriate

**Delivery Method:**

- ☐ Courier
- ☐ Client
- ☐ UPS
- ☐ FedEx
- ☐ USPS
- ☐ Other: _____

**Special Instructions/QC Requirements & Comments:**

**Sample Disposal:**

- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for _____ days

MSS-F001-03/13

Prince George's County Hospital
ECS Project No. 47:10416-A
Submitted 9/22/2020

| Sample ID | Date Sampled | Time | Medium | No. Containers | Analyses | |
|---|---|---|---|---|---|---|
| S-1 | 9/22/2020 | 08:30 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | 0092215-01 |
| S-2 | 9/22/2020 | 09:00 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -02 |
| S-3 | 9/22/2020 | 09:30 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -03 |
| S-4 | 9/22/2020 | 10:00 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -04 |
| S-5 | 9/22/2020 | 10:30 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -05 |
| S-6 | 9/22/2020 | 11:00 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -06 |
| S-7 | 9/22/2020 | 11:30 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -07 |
| S-8 | 9/22/2020 | 12:00 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -08 |
| S-9 | 9/22/2020 | 12:30 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -09 |
| S-10 | 9/22/2020 | 13:00 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -10 |
| S-11 | 9/22/2020 | 13:30 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -11 |
| S-12 | 9/22/2020 | 14:00 | Soil | 3 | TPH-DRO, TPH-GRO, VOCs | -12 |
| SBTW-8 | 9/22/2020 | 12:00 | Water | 4 | TPH-DRO, TPH-GRO, VOCs | -13 |