

Underground Storage Tank Closure Report Myersville BP/Crown 9486 Myersville Road Myersville, MD 21773 AEC Project Number: 06-170 MDE Case No. : 90-1304FR MDE Facility ID Number: 1139

Prepared for:

Maryland Department of the Environment Attn: Rob Hill Oil Control Program 1800 Washington Boulevard, Suite 620 Baltimore, Maryland 21230-1719

And

Ali Kazemzadeh AKJK, LLC 2035 Chesapeake Road Annapolis, MD 21409

Prepared by:

Advantage Environmental Consultants, LLC 8610 Washington Boulevard, Suite 217 Jessup, Maryland 20794

January 27, 2015



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Mr. Rob Hill Maryland Department of the Environment Oil Control Program, Remediation Division 1800 Washington Boulevard, Suite 620 Baltimore, Maryland 21230-1719

Re: Underground Storage Tank Closure Myersville BP/Crown 9486 Myersville Road Myersville, MD 21773 AEC Project Number: 06-170 MDE Case No. : 90-1304FR MDE Facility ID Number: 1139

Dear Mr. Hill:

Advantage Environmental Consultants, LLC (AEC) is pleased to submit our underground storage tank (UST) closure report to the Maryland Department of the Environment (MDE) on behalf of AKJK, LLC for environmental services performed at the above referenced property (i.e., the Site).

AEC was contracted by AKJK to perform environmental oversight for the removal of three 8,000-gallon and one 6,000-gallon USTs located at the Site. As directed by the MDE, AEC collected soil samples from the UST tank field, below the product piping, and below each dispenser. The UST system removal activities were conducted between December 15 and December 18, 2014.

Based on the absence of liquid phase hydrocarbons, laboratory analytical results of soil samples collected from the UST tank field, below product piping, and below dispensers and the removal of approximately 327 tons of impacted materials, AEC concludes that limited residual petroleum contamination exists in these areas of the Site. The owner of the property stated that he is switching from well water to city water. After the water is switched over, it is our professional opinion that the identified subsurface impact does not currently pose a human health exposure or environmental risk (i.e. lack of Potable wells and other exposure pathways). Therefore, AEC respectfully requests that the MDE close Case No. 90-1304FR.

If you have any questions regarding information in this report or if we can be of further assistance, please contact AEC at (301) 776-0500.

Sincerely,

Advantage Environmental Consultants, LLC

EZ

Nathan Edwards Staff Scientist

month

Michael J. Robertson, P.G. Principal

CC: Mr. Ali Kazemzadeh, AKJK, LLC

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1.0 INTRODUCTION

1.1 Project Introduction and Scope

AEC was contracted by AKJK, LLC to perform excavation oversight for the removal of three 8,000-gallon and one 6,000-gallon underground storage tanks (USTs) located at 9486 Myersville Road, Myersville, MD 21773 (herein after referred to as the "Site").

The USTs were located on the southern portion of the Site. Mr. Rob Hill of the Maryland Department of the Environment (MDE) was present to inspect portions of the UST system removal and to issue the Tank Removal/Abandonment directive. As directed by the MDE, AEC collected twenty soil samples from the sidewalls and bottom of the tank field, two samples from beneath the product piping, and one sample from beneath each dispenser.

1.2 Site Location and Topography

The Site is located at 9486 Myersville Road, Myersville, Maryland. Based on the USGS Middletown, MD 7.5 Minute Series Topographic Quadrangle dated 2014, the Site is located approximately 600 feet above mean sea level (msl). The Site vicinity has a steep topographic gradient towards the west in the direction of Grindstone Run, which is located approximately 750 feet west of the Site. A Site Vicinity Map is included as Figure 1 in Appendix A. A Site Plan depicting the Site features and the UST excavation location is included as Figure 2 in Appendix A.

The Site is located in a commercial area of Myersville, Maryland. The Site is bordered to the south and west by Cat construction equipment lot; to the east by Myersville Road; and, to the North by Milt Summers Road. Across the road to the north is a vacant field. Across the road to the east is a standalone Middletown Valley bank.

2.0 UST REMOVAL ACTIVITIES

AKJK, LLC contracted AEC to perform UST excavation oversight for the removal of three 8,000-gallon and one 6,000-gallon USTs. According to the facility summary MDE documentation, the USTs were 25 years old.

Service Station Repair Inc. conducted the removal activities and began removal on December 15, 2014 by first excavating concrete and pea gravel overlying the USTs. A photoionization detector (PID) was used to scan the soils and pea gravel for volatile organic compounds (VOCs) in the UST excavation area. Pea gravel taken from 0-5 feet below ground surface (bgs) exhibited no elevated PID readings. Strong odors and elevated PID reading were noted from pea gravel and soil from 5-15 feet bgs.

PID readings for soils beneath the USTs ranged from 0.0 to a maximum of 1,500 parts per million (ppm). Soils that exhibited PID readings or odor were stockpiled on and covered with poly sheeting to await disposal at an approved facility. The excavated, petroleum impacted soil was taken to Clean Earth in Hagerstown, Maryland. Approximately 327 tons of impacted materials were removed from the Site. Groundwater was encountered in the UST excavation at approximately thirteen-feet bgs. Photographs of the UST removal activities are included as Appendix C.

The USTs were emptied prior to removal activities of all residual petroleum. A copy of the water and product disposal manifest is included in Appendix B. The USTs were removed from the excavation and inspected for perforations and cracks. All tanks were in good condition with no perforations or cracks observed. The UST disposal forms are included in Appendix B.

AEC noted that the top of existing monitoring well 2 (EMW-2) casing was broken by the removal activities. Service Station Repair will sand down the broken casing, making a functional monitoring well. For future groundwater sampling events, AEC will need to resurvey the top of the monitoring well casings.

As directed by the MDE, AEC collected twenty soil samples (five from Tank 1, five from Tank 2, five from Tank 3, and five from Tank 4) from the excavation sidewalls approximately eleven-feet bgs, and two-feet below each tank (approximately 16-feet bgs). In addition, two soil samples were collected below the product piping and one sample was collected from below each dispenser. A map depicting soil sample locations within the UST system excavation is included as Figure 3 in Appendix A.

3.0 SAMPLING RESULTS

The soil samples collected on December 18, 2014 were immediately placed on ice and hand-delivered under chain-of-custody to Maryland Spectral Services of Baltimore, Maryland for laboratory analyses. All soil samples were analyzed for the following: Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) via EPA Analytical Method 8015B and VOCs via EPA Analytical Method 8260. The results of the laboratory analysis are summarized in the table below:

Table 1 Soil Sample Laboratory Results Myersville BP/ Crown Samples collected 12/18/2014

| Sample | P | Ŧ | - | v | MTDE | Norbibologo | TPH | ТРН |
|-------------------------------------|--------|-----------|------------|------------|---------|-------------|------|------|
| (Date) | В | т | E | X | MTBE | Naphthalene | GRO | DRO |
| Sample 1 | BDL | BDL | BDL | 10.8 J | BDL | 25.5 | 0.59 | 31.0 |
| Sample 2 | BDL | BDL | BDL | BDL | BDL | BDL | 0.25 | 17.8 |
| Sample 3 | BDL | BDL | BDL | 7.1 J | BDL | 15.1 | 9.04 | 40.0 |
| Sample 4 | BDL | BDL | BDL | BDL | BDL | 19.8 | 3.49 | 213 |
| Sample 5 | BDL | BDL | BDL | BDL | BDL | 24.0 | 19.8 | 370 |
| Sample 6 | BDL | BDL | BDL | BDL | BDL | BDL | 81.9 | 1140 |
| Sample 7 | 32.9 | 38.3 | 50.5 | 652 | 14.1 J | 298 | 10.5 | 60.8 |
| Sample 8 | BDL | BDL | 17.9 J | 115 | BDL | 459 | 19.2 | 72.9 |
| Sample 9 | BDL | BDL | BDL | BDL | BDL | BDL | 26.0 | 98.3 |
| Sample 10 | BDL | 4.9 J | 10.1 | 32.5 | BDL | 60.4 | 13.4 | 149 |
| Sample 11 | BDL | 5.4 J | 14.4 | 26.8 | 5.1 J | 66.8 | 15.6 | 169 |
| Sample 12 | BDL | BDL | 44.2 | 48.4 J | BDL | 157 | 25.6 | 202 |
| Sample 13 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| Sample 14 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 22.1 |
| Sample 15 | BDL | BDL | BDL | 7.2 J | BDL | 4.5 J | 0.35 | 21.9 |
| Sample 16 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| Sample 17 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| Sample 18 | BDL | BDL | BDL | 11.3 J | BDL | 23.1 | 0.21 | 12.1 |
| Sample 19 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 19.5 |
| Sample 20 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 11.1 |
| Sample 21 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| Sample 22 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 17.8 |
| Sample 23 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| Sample 24 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 38.7 |
| MEAT Non- Residential Cleanup | 52,000 | 8,200,000 | 10,000,000 | 20,000,000 | 720,000 | 2,000,000 | 620 | 620 |

BTEX= Benzene, Toluene, Ethylbenzene, total Xylenes

TPH-GRO = Total Petroleum Hydrocarbons Gasoline Range Organics TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics

TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics TPH-DRO and GRO results are in parts per million or mg/Kg VOC results are in parts per billion or µg/Kg J= Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag) BDL = Below Detection Limits MTBE = methyl-tertiary butyl-ether MDE Standards (Maryland Environmental Assessment Technology (MEAT) for Leaking Underground Storage Tanks, Revised February 2003)

Based on the laboratory analytical results, several petroleum constituents were detected in soil samples collected from the bottom of the tank field, beneath the dispensers, and beneath the product piping. Laboratory analytical results for sample 6 indicate levels of TPH DRO above the MDE Maryland Environmental Assessment Technology (MEAT) Leaking Underground Storage Tank standards. All other detected analytes were below MDE MEAT Leaking underground storage tank standards (regulatory standards).

Laboratory analytical results for Sample 1, Sample 2, Sample 3, Sample 4, Sample 5, Sample 6, Sample 7, Sample 8, Sample 9, Sample 10, Sample 11, Sample 12, Sample 13, Sample 14, Sample 15, Sample 18, Sample 19, Sample 20, Sample 22 and Sample 24 indicate analytes above laboratory detection limits, but below regulatory standards.

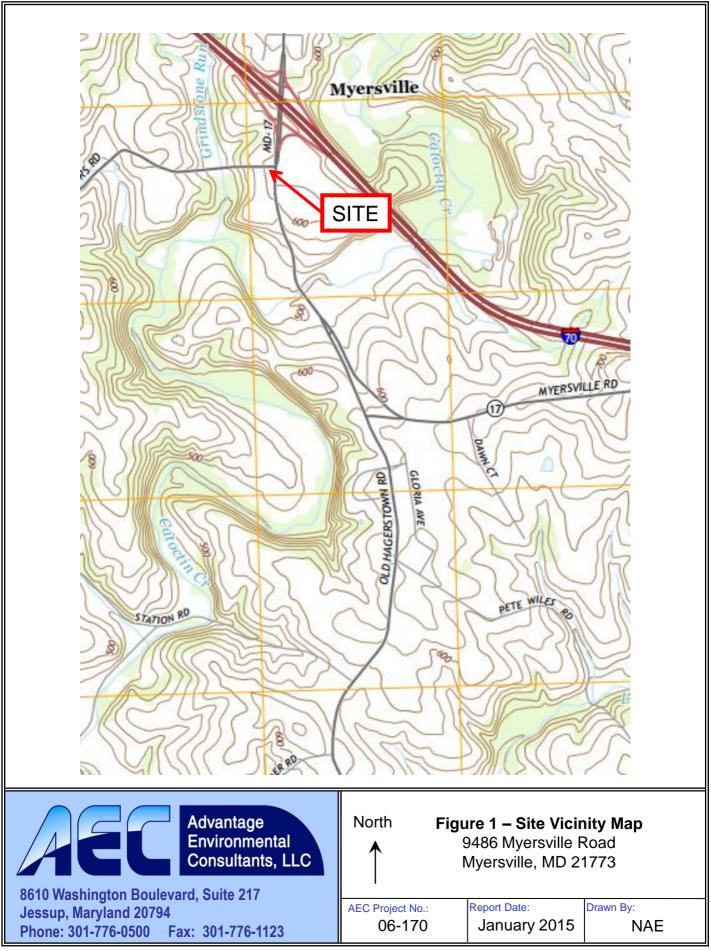
Laboratory analytical results for Sample 16, Sample 17, Sample 21 and Sample 23 indicate that all analytes were below laboratory detection limits (BDL).

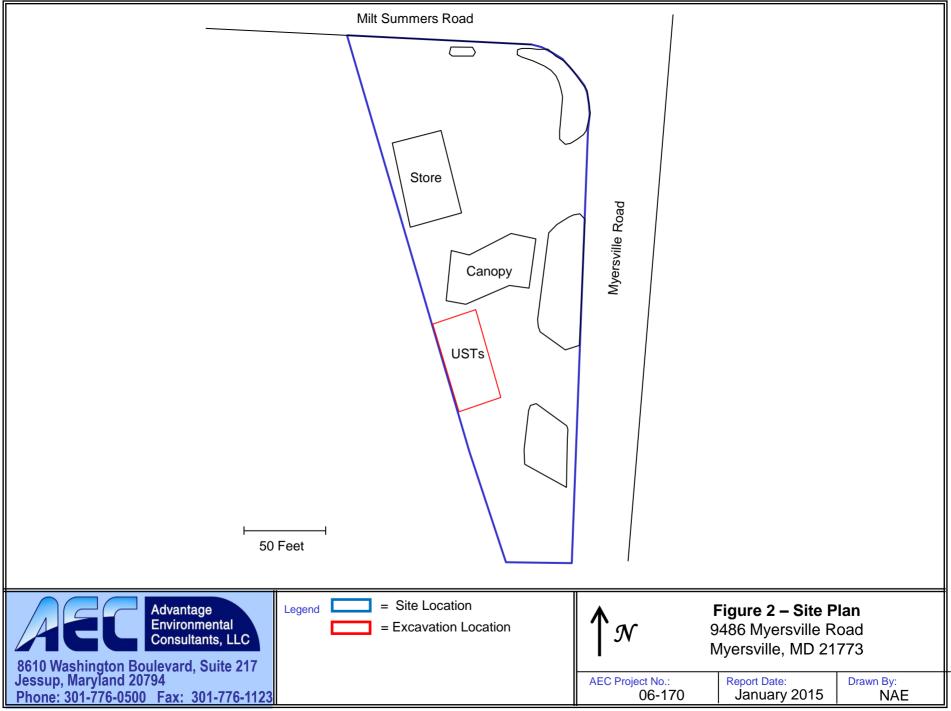
4.0 CONCLUSIONS AND RECOMMENDATIONS

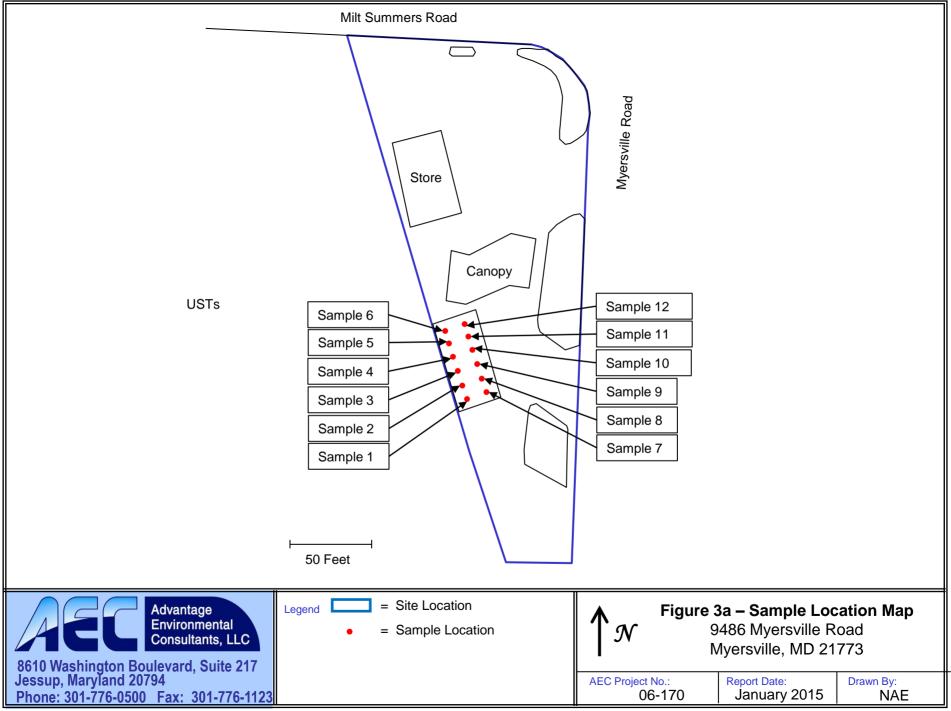
Based on the absence of liquid phase hydrocarbons, laboratory analytical results for samples collected from the UST excavation, below the product piping and dispensers and the removal of approximately 327 tons of impacted materials, AEC concludes that limited residual petroleum contamination exists in these areas of the Site. The owner of the AKJK, LLC stated that they are switching this property from well water to city water. After the water is switched over, it is our professional opinion that the identified subsurface impact does not currently pose a human health exposure or environmental risk (i.e. lack of Potable wells and other exposure pathways). Therefore, AEC respectfully requests that the MDE close Case No. 90-1304FR.

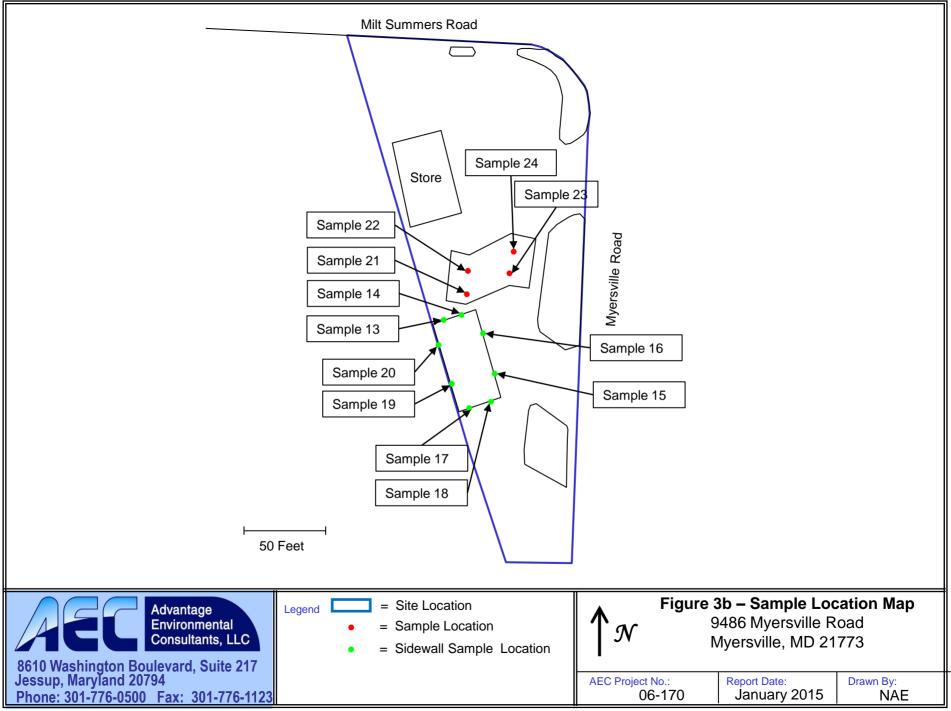
APPENDIX A

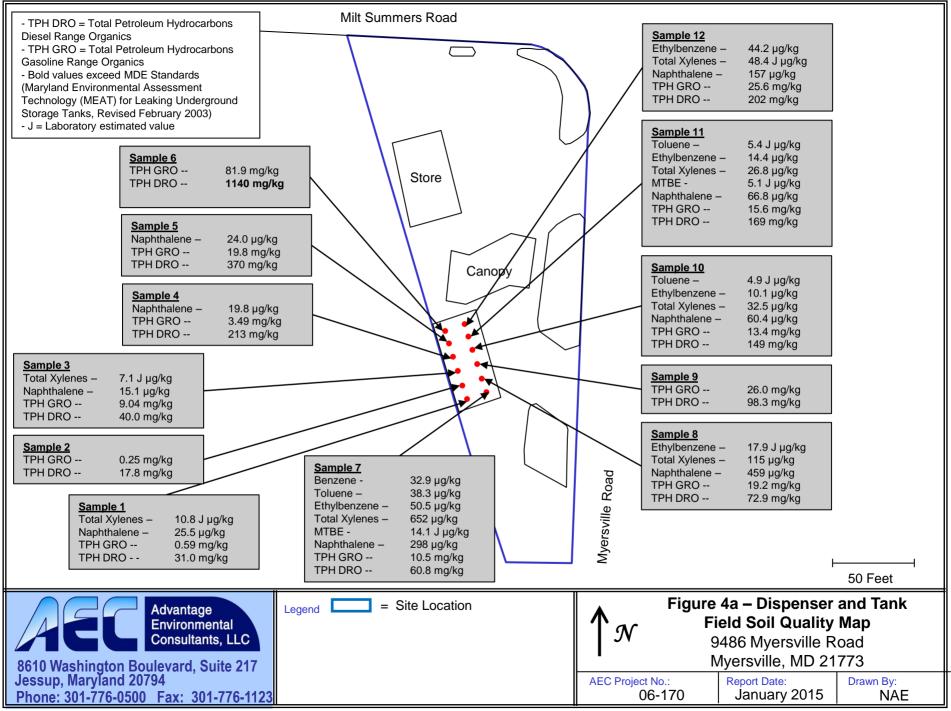
FIGURES

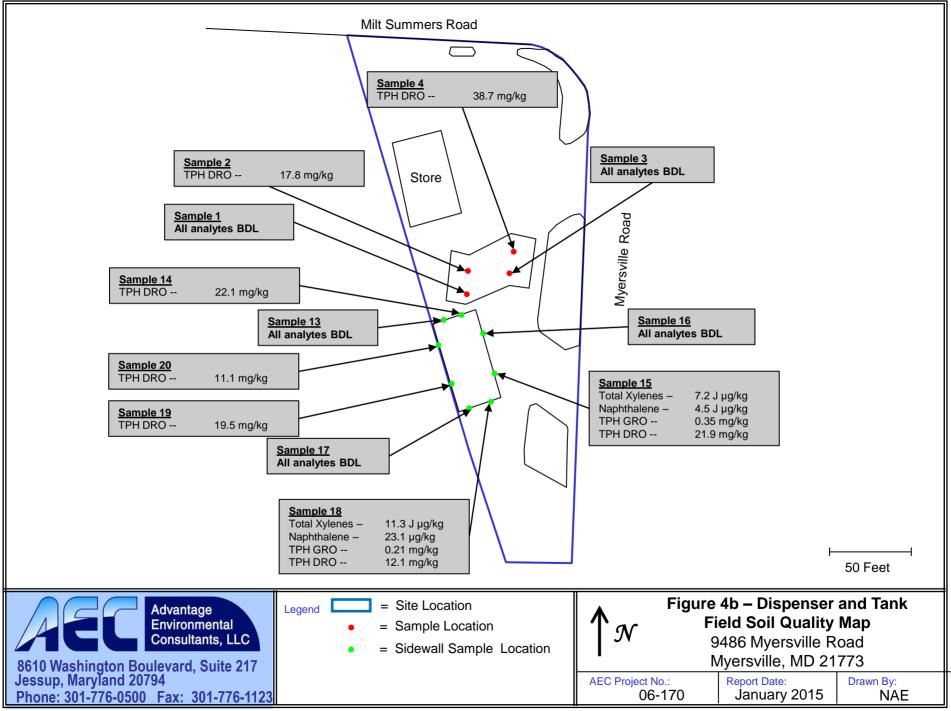








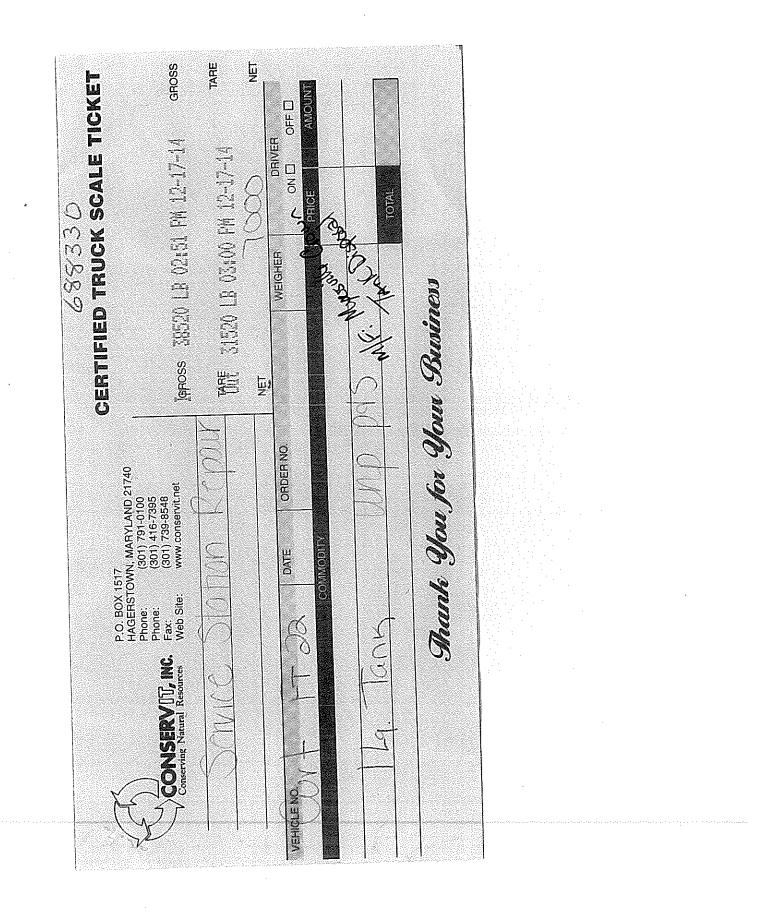




APPENDIX B

TANK CLEANING AND DISPOSAL MANIFEST

GROSS TARE Ę CERTIFIED TRUCK SCALE TICKET AMOUNT GROSS 44200 LB 12.52 AM 12-17-14 31540 LB 12:20 PM 12-17-14 BRIGE TOTAL Thank you for your Duriness 国 次 Ш) K ORDER NO. P.O. BOX 1517 HAGERSTOWN, MARYLAND 21740 Phone: (301) 791-0100 Phone: (301) 416-7395 Fax: (301) 739-8548 **** Site: www.conservit.net Ë \mathcal{N} COMMODITY DATE Å (000) (CONSERVIT, NC. Conserving Natural Resources ところ **NETIOLE**



| LERTIFIED TRUCK SCALE TICKET | PM 12-18-14 | ¥ 1218-14 | | TOTAL | |
|------------------------------|--|---|--------------|------------------|---------------------------|
| 688405 IED TRUCK SC | Ibross 38120 LB 12:09 PM 12-18-14 | Rike, 31120 LB 12:23 PH 12-18-14 Net | WEIGHER | | 11013 |
| | TBROSS 40 | Ref 31 | | Huel THINK | nea Busi |
| | MART LAND 21/40 (301) 791-0100 (301) 416-7395 (301) 739-8548 www.conservit.net | hat | AS ORDER NO. |) Sp | and you for your Business |
| P.O. BOX 1517 | Phone: (30 Phone: (30 Fax: (30) Web Site: www | | | 1 daude | Pressle Of |
| | CONSERVIT, INC. Conserving Natural Resources | | ر تمین | Mr. Marin Dulpas | 03 |
| | | | TOUT | A LAND | |

| 1301 Marsh Street Norfolk, Virginia 235 Phone: (757) 543-57 Fax: (757) 543-456 Emergency: (800) 229-ENVIRONMENTAL S E R V I C E SENVIRONMENTAL S E R V I C E SENVIRONMENTAL E S E R V I C E SE S E R V I C E SE S E R V I C E SE S E R V I | 523 18 1 4671 1447111 I I | Recy Date: <u>12.1</u> ob #: <u>482</u> | pping Num 37101 vclable Mat 5-14 -5116 | erial |
|---|--|---|--|-------|
| INIS Iruck #: Pro Shipping Name (Material) Pro Hazard Class, UN/NA Number, Packing Group | Ject Manager # of Containers | Container Type | Total Quantity | Units |
| UN1993, Flammable liquid, n.o.s. (3, PG III CAS & WATER) | ATT 1 | I | 1600 | G |
| NA1993, Combustible liquid, n.o.s. () Comb Lig, PG III | | | | |
| Nen Regulated/ Non Hazardous Liquid) | 124 | | | |
| Non Regulated/ Non Hazardous Solid () | | | | 5 |
| | | | | |

Remarks/ Comments:

| Shipper Representative | IMS Driver | Tank Farm |
|------------------------|--------------------|-------------------|
| Print: Gary Richmond | Print: DAREN GRANT | Print: Bria Farsh |
| Sign: Gary Richmond | Sign: Juli | Sign: |
| Date: 12115,14 | Date: 12.15.14 | Date: 12/18/14 |

APPENDIX C

PHOTO LOG





Photograph 1: UST removal activities









Photograph 3: Removed Tank





Photograph 4: Removed Tank





Photograph 5: Removed Tanks









Photograph 7: Broken well casing on EMW-1





Photograph 8: Excavation Site

APPENDIX D

SOIL MANIFESTS

| sRpPrf.rpt Profile: 143120310 Site ID: 312 | | | | Transactior b Third | Clean Earth of Maryland Profile Report sactions from 12/18/2014 through 12/18/2014 Inbound and Outbound Tickets Third Party and Intercompany Customers Recycle and Disposal Material Sent and Unsent Tickets Full Details | | | User ID: CEI | Page 1 of 1 12/18/2014 3:56PM User ID: CENCCOWDRICK |
|---|--------------------------|------------|----------|---------------------------|--|-------------|-------------|--------------|--|
| Ticket | Date | Truck | In / Out | In / Out Manifest | Customer | Bill. Units | Cubic Yards | Tons | Estimated Tons |
| 143120310 - Myersville BP/Crown | rsville BP/C | LWUI | | | Global Job Number: | ber: 135602 | | | |
| 70000168669 | 12/18/14 | 12HOBBS238 | Ι | 821661 | AKJ124-AKJK PROPERTIES INC | 26.630 Tn | 0.00 | 26.63 | 0.00 |
| 70000168765 | 12/18/14 | 12HOBBS255 | Ι | 821663 | AKJ124-AKJK PROPERTIES INC | 25.500 Tn | 0.00 | 25.50 | 0.00 |
| 700000168794 | 12/18/14 | 12HOBBS238 | Ι | 821662 | AKJ124-AKJK PROPERTIES INC | 27.250 Tn | 0.00 | 27.25 | 0.00 |
| 700000168839 | 12/18/14 | 12HOBBS255 | Ι | 821664 | AKJ124-AKJK PROPERTIES INC | 25.760 Tn | 0.00 | 25.76 | 0.00 |
| 70000168874 | 12/18/14 | 12HOBBS238 | 1 | 821665 | AKJ124-AKJK PROPERTIES INC | 27.530 Tn | 0.00 | 27.53 | 0.00 |
| 700000168964 | 12/18/14 | 12HOBBS255 | Ι | 821666 | AKJ124-AKJK PROPERTIES INC | 22.950 Tn | 0.00 | 22.95 | 0.00 |
| 700000169013 | 12/18/14 | 12HOBBS238 | I | 821668 | AKJ124-AKJK PROPERTIES INC | 25.250 Tn | 0.00 | 25.25 | 0.00 |
| 700000169102 | 12/18/14 | 12HOBBS255 | Ι | 821667 | AKJ124-AKJK PROPERTIES INC | 26.400 Tn | 0.00 | 26.40 | 0.00 |
| 700000169166 | 12/18/14 | 12HOBBS238 | Ι | 821669 | AKJ124-AKJK PROPERTIES INC | 26.710 Tn | 00.00 | 26.71 | 0.00 |
| 700000169247 | 12/18/14 | 12HOBBS255 | Ι | 821670 | AKJ124-AKJK PROPERTIES INC | 27.130 Tn | 00'0 | 27.13 | 0.00 |
| 700000169319 | 12/18/14 | 12HOBBS238 | | 821672 | AKJ124-AKJK PROPERTIES INC | 29.290 Tn | 00'0 | 29.29 | 0.00 |
| 700000169381 | 12/18/14 | 12HOBBS255 | 1 | 821671 | AKJ124-AKJK PROPERTIES INC | 26.250 Tn | 00.0 | 26.25 | 0.00 |
| 700000169442 | 12/18/14 | 12HOBBS238 | I | 821674 | AKJ124-AKJK PROPERTIES INC | 10.580 Tn | 0.00 | 10.58 | 0.00 |
| 143120310 - Myersville BP/Crown 13 tickets and 13 transactions | ersville BP/C actions | Гомп | | | | I | 0.00 | 327.23 | 0.00 |

Report Grand Totals

0.00

327.23

0.0

13 tickets and 13 transactions

Ticket: 700000168669 Clean Earth of Maryland 1469 Oak Ridge Place Date Time Scale Hagerstown, MD 21740 In: 12/18/2014 08:22:39 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 08:22:59 P. T. Lbs Tns Manifest: 821661 Gross: 77400 38.70 Vehicle ID: 12HOBBS238 Tare: 24140 12.07 Vehicle Permit: Net: 53260 26.63 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit Frederick Soil Treatment Type III 26.63 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14053 Comment: Facility: STEVEN BRIGHON Cowdrick. Christine



- -

| GLOBAL JOB NUMBE | ^{R:} <u>135602</u> | _ FACILITY APPROVAL NUME | ^{BER:} -143120310 | | |
|---|--|---|---|--|--|
| Please Check One: | | | | | |
| Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Address of Maryland 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 | Clean Earth of New Castle 94 Pyles Lane New Castle, DE 19720 Ph: 302-427-6633 | Dther | | |
| Clean Earth of Philadelphia 3201 S. 61st Street Philadelphia, PA 19153 Ph: 215-724-5520 | Clean Earth of North Jorcov 115 Jacobus Avenue Kearny, NJ 07032 Ph: 973-344-4004 | Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 | | | |
| | Non-Hazardo | us Material Manifest | | | |
| (Type or Print Clearly) | | | | | |
| GENERATOR'S NAME & S | SITE ADDRESS: | GROSS WEIGHT: | | | |
| AKJK PROPERTI | S-INC. | Tons Yards | | | |
| 2035 CHESAPEAK | | TARE WEIGHT: | | | |
| ANNAPOLIS, MD 2 | 21409 | Tons Yards | | | |
| GENERATOR'S PHONE: | - <mark>301-873-0394 ALI KAZE</mark> N | TADELT WEIGHT: | | | |
| DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION | | | | | |
| Job site : MYERSVI | LLE BP/CROWN | | NON-HAZ | | |
| 9486 MYER | SVILLE ROAD | | CONTAMINATED | | |
| | LLE, MD 21773 | | SOIL | | |
| GENERATOR'S CERTIFI | CATION – Incomplete and/or uns | igned manifests will cause the load to be | delayed and/or rejected. | | |
| I have been a surface that the above | and the second states a | الم الما المراجعة المراجع | 0.10 or ony opplicable state law | | |
| is not a hazardous waste as CFR Part 172 or any applic | defined by 40 CFR Part 261 or any | n free liquid as defined by 40 CFR Part 2 applicable state law, is not a DOT hazar courately described above, classified, pac regulations. | dous substance as defined by 49 | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according | defined by 40 CFR Part 261 or any able state law, has been fully and a g to all applicable state and federal n | applicable state law, is not a DOT hazar ccurately described above, classified, pac | dous substance as defined by 49 | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according | defined by 40 CFR Part 261 or any able state law, has been fully and a g to all applicable state and federal n | applicable state law, is not a DOT hazar courately described above, classified, pac regulations. | dous substance as defined by 49 | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>//c4++</u> Signature: | defined by 40 CFR Part 261 or any able state law, has been fully and a g to all applicable state and federal n | applicable state law, is not a DOT hazar courately described above, classified, pac regulations. | dous substance as defined by 49 kaged and is in proper condition | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u> </u> | defined by 40 CFR Part 261 or any sable state law, has been fully and ac g to all applicable state and federal n $2\sqrt{2}$ | applicable state law, is not a DOT hazar ccurately described above, classified, pac regulations. | dous substance as defined by 49 kaged and is in proper condition | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>Icate</u> Signature: <u>Iaf</u> TRANSPORTER Company: Hobs | defined by 40 CFR Part 261 or any able state law, has been fully and a g to all applicable state and federal n | Phone Number: | dous substance as defined by 49 kaged and is in proper condition | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>/c_+-</u> Signature: <u>//a</u> TRANSPORTER Company: <u>Hobs</u> Address: <u>Fairfield</u> | defined by 40 CFR Part 261 or any sable state law, has been fully and a g to all applicable state and federal f dwords | applicable state law, is not a DOT hazar ccurately described above, classified, pace regulations. | dous substance as defined by 49 kaged and is in proper condition | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>Mathematical Actions</u> Signature: <u>Mathematical Actions</u> TRANSPORTER Company: <u>Hobbs</u> Address: <u>Faufield</u> Driver: <u>Staven</u> | defined by 40 CFR Part 261 or any sable state law, has been fully and ac g to all applicable state and federal n $2\sqrt{2}$ | applicable state law, is not a DOT hazar ccurately described above, classified, pace regulations. | dous substance as defined by 49 kaged and is in proper condition | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>Mathematical Actor</u> Signature: <u>Mathematical</u> TRANSPORTER Company: Hobs Address: Faifel Driver: Store C | defined by 40 CFR Part 261 or any sable state law, has been fully and ac g to all applicable state and federal n <u>dwer of s</u> <u>rucking</u> <u>to pan</u> <u>rype or Print Clearly</u>) | applicable state law, is not a DOT hazar ccurately described above, classified, pace regulations. | dous substance as defined by 49 kaged and is in proper condition $\frac{1}{1} - \frac{1}{1} + \frac{8}{4} + \frac{3}{4} + $ | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>Mathematical Actor</u> Signature: <u>Mathematical</u> TRANSPORTER Company: Hobs Address: Faifel Driver: Store C | defined by 40 CFR Part 261 or any sable state law, has been fully and a g to all applicable state and federal n $dwr(d) \leq$ Tucking Tucking Type or Print Clearly) hereby certify that the above named | applicable state law, is not a DOT hazar ccurately described above, classified, pace regulations. | dous substance as defined by 49 kaged and is in proper condition $\frac{1}{1} + \frac{1}{1} + \frac{1}{2} +$ | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>Mathematical Actions</u> Signature: <u>Mathematical Actions</u> TRANSPORTER Company: <u>Hobs</u> Address: <u>Fairfield</u> Driver: <u>Staven</u> | defined by 40 CFR Part 261 or any sable state law, has been fully and a g to all applicable state and federal n $dwr(d) \leq$ Tucking Tucking Type or Print Clearly) hereby certify that the above named | applicable state law, is not a DOT hazar ccurately described above, classified, pace regulations. | dous substance as defined by 49 kaged and is in proper condition $\frac{1}{1} + \frac{1}{1} + \frac{1}{2} +$ | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>/c+++</u> Signature: <u>Magent</u> TRANSPORTER Company: <u>Hob5</u> Address: <u>Fairfield</u> Driver: <u>Steven</u> (1) Driver Signature: <u>Magent</u> Driver Signature: <u>I</u> Driver Signature: <u>I</u> Destination | defined by 40 CFR Part 261 or any sable state law, has been fully and a g to all applicable state and federal r $\frac{1}{\sqrt{rec}}$ ($\frac{1}{\sqrt{s}}$) $\frac{1}{\sqrt{rec}}$ ($\frac{1}{\sqrt{rec}}$) ($\frac{1}{\sqrt{rec}}$) $\frac{1}{\sqrt{rec}}$ ($\frac{1}{\sqrt{rec}}$) ($\frac{1}{\sqrt{rec}}$ | applicable state law, is not a DOT hazar ccurately described above, classified, pace regulations. | dous substance as defined by 49 kaged and is in proper condition 4 - 14 8 - 472 38 applicable state permit #) above. | | |
| is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>/c_t-</u> Signature: <u>Mappende</u> TRANSPORTER Company: <u>Hobbs</u> Address: <u>Faifel</u> Driver: <u>Steven</u> Driver Signature: <u>Mappende</u> Interest certific Driver Signature: <u>Interest certific</u> | defined by 40 CFR Part 261 or any sable state law, has been fully and ac g to all applicable state and federal n we complete Trucking Trucking Trucking Trucking Trucking Trucking to all applicable state and federal n we complete the state and federal n we complete the state and federal n we complete th | applicable state law, is not a DOT hazar courately described above, classified, pac regulations. Title: Date and Time: Phone Number: Truck # and License Plate: SW Haulers Permit #: () material was picked up at the site listed Date and Time: as delivered without incident to the facili | dous substance as defined by 49 kaged and is in proper condition 35 here is 8247 above. ty noted above. | | |

FACILITY

Ticket: 700000168765 Clean Earth of Maryland 1469 Oak Ridge Place Date Time Scale In: 12/18/2014 09:17:27 Hagerstown, MD 21740 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 09:23:19 Scale CE Lbs Ths Manifest: 821663 Gross: 77480 38.74 Vehicle ID: 12HOBBS255 Tare: 26480 13.24 Vehicle Permit: Net: 51000 25.50 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Materials & Services Origin Quantity Unit Frederick Soil Treatsent Type III 25.50 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14055 Comment: Facility:

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| GLOBAL JOB NUMBER: | 135602 | FACILITY APPROVAL NUME | BER: 143120310 |
|---|--|---|--|
| 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Clean Earth of Maryland 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 Clean Earth of North Jersey 115 Jacobus Avenue Kearny, NJ 07032 Ph: 973-344-4004 | Clean Earth of New Castle 94 Pyles Lane New Castle, DE 19720 Ph: 302-427-6633 Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 | Other |
| (Type or Print Clearly) | Non-Hazard | lous Material Manifest | |
| GENERATOR'S NAME & SIT | E ADDRESS: | GROSS WEIGHT: | |
| AKJK PROPERTIES | INC | Tons Yards | |
| 2035 CHESAPEAKE | | TARE WEIGHT: | |
| ANNAPOLIS. MD 214 | | | |
| · · · · · · · · · · · · · · · · · · · | | Tons Yards | |
| GENERATOR'S PHONE: | 0 <u>1=873-0394 ALI KAZI</u> | Tons Yards | |
| DESCRIPTION OF MATERI | AL /SAMPLE ID AND LOC | | |
| Job site : MYERSVILL | | | NON-HAZ |
| - 9486 MYERS | | | CONTAMINATED |
| MYERSVILL | | | SOIL |
| | | | |
| GENERATOR'S CERTIFICA | TION – Incomplete and/or u | insigned manifests will cause the load to be | |
| I hereby certify that the above is not a hazardous waste as def | named material does not cont fined by 40 CFR Part 261 or a e state law, has been fully and | Insigned manifests will cause the load to be tain free liquid as defined by 40 CFR Part 2 any applicable state law, is not a DOT hazar d accurately described above, classified, pac al regulations. Title: Date and Time: $12 \cdot 13 \cdot 15$ | delayed and/or rejected. 60.10 or any applicable state law, dous substance as defined by 49 |
| I hereby certify that the above is not a hazardous waste as def CFR Part 172 or any applicabl for transportation according to Name: $M_{i1} + c$ M_{i2} Signature: $M_{i1} + c$ M_{i2} Signature: $M_{i1} + c$ M_{i2} Company: M_{i2} Address: M_{i2} Driver: $M_{i2} + c$ M_{i2} $M_{i2} + c$ M_{i2} Company: M_{i2} $M_{i1} + c$ M_{i2} $M_{i1} + c$ M_{i2} M_{i2} $M_{i2} + c$ M_{i2} $M_{i2} + c$ $M_{i2} + c$ M_{i2} $M_{i2} + c$ $M_{i2} + c$ | named material does not cont fined by 40 CFR Part 261 or a e state law, has been fully and all applicable state and feder 36 - 6 | tain free liquid as defined by 40 CFR Part 2 any applicable state law, is not a DOT hazar d accurately described above, classified, pac ral regulations. | delayed and/or rejected. 60.10 or any applicable state law, dous substance as defined by 49 skaged and is in proper condition $\frac{2.7.7+.5+}{2.50}$ |
| I hereby certify that the above is not a hazardous waste as def CFR Part 172 or any applicabl for transportation according to Name: | named material does not cont fined by 40 CFR Part 261 or a e state law, has been fully and all applicable state and feder 36 - 6 | tain free liquid as defined by 40 CFR Part 2 any applicable state law, is not a DOT hazar d accurately described above, classified, pac al regulations. | delayed and/or rejected. 60.10 or any applicable state law, dous substance as defined by 49 skaged and is in proper condition $\frac{2.7.7+.5+}{2.50}$ |
| I hereby certify that the above is not a hazardous waste as def CFR Part 172 or any applicabl for transportation according to Name: Minter Eli Signature: TRANSPORTER Company: Address: Company: Address: Company: Company: Driver: Company: Company: Company: Driver: Company: C | named material does not cont fined by 40 CFR Part 261 or a e state law, has been fully and all applicable state and feder 36 - 6 | tain free liquid as defined by 40 CFR Part 2 any applicable state law, is not a DOT hazar d accurately described above, classified, pac al regulations. | delayed and/or rejected. 60.10 or any applicable state law, dous substance as defined by 49 skaged and is in proper condition $\frac{2.7.7+.5+}{2.50}$ |
| I hereby certify that the above is not a hazardous waste as def CFR Part 172 or any applicabl for transportation according to Name: | named material does not com fined by 40 CFR Part 261 or a e state law, has been fully and all applicable state and feder e or Print Clearly) eby certify that the above nam | tain free liquid as defined by 40 CFR Part 2 any applicable state law, is not a DOT hazar d accurately described above, classified, pac al regulations. | delayed and/or rejected. 60.10 or any applicable state law, dous substance as defined by 49 skaged and is in proper condition C.T.T.T.ST S:SO |

FACILITY

Ticket: 700000168794 Clean Earth of Maryland 1469 Dak Ridge Place Date Time Scale In: 12/18/2014 09:38:04 Hagerstown, MD 21740 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 09:38:21 P. T. Lbs Tns Manifest: 821662 Gross: 78640 39.32 Vehicle ID: 12HOBBS238 Tare: 24140 12.07 Vehicle Permit: Net: 54500 27.25 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit _____ Frederick Soil Treatment Type III 27.25 Tns Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14056 Comment: Facility: STEVEN BRIGHAM

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Cowdrick. Christine



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| GLOBAL JOB NUMBER: 135602 | FACILITY APPROVAL NUMBER: 143120310 | | | | |
|--|---|--|--|--|--|
| Please Check One: | | | | | |
| and the state of the | □ Clean Earth of New Castle □ Other 94 Pyles Lane New Castle, DE 19720 Ph: 302-427-6633 | | | | |
| □ Clean Earth of Philadelphia □ Clean Earth of North Jersey □ Clean Earth of North Jersey 3201 S. 61st Street 115 Jacobus Avenue Philadelphia, PA 19153 Kearny, NJ 07032 Ph: 215-724-5520 Ph: 973-344-4004 | ☐ Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 | | | | |
| Non-Hazardo | ous Material Manifest | | | | |
| (Type or Print Clearly) | | | | | |
| GENERATOR'S NAME & SITE ADDRESS: | GROSS WEIGHT: | | | | |
| AKJK PROPERTIES INC. | Tons Yards | | | | |
| 2035 CHESAPEAKE ROAD | TARE WEIGHT: | | | | |
| ANNAPOLIS, MD 21409 | Tons Yards | | | | |
| GENERATOR'S PHONE: | MZADEFT WEIGHT: | | | | |
| DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION | | | | | |
| Job site : MYERSVILLE BP/CROWN | NON-HAZ | | | | |
| A STATE STATE AND A STATE AND | | | | | |
| MYERSVILLE. MD 21773 Cale Control of the Control of | ALE CARE AND | | | | |
| I hereby certify that the above named material does not conta is not a hazardous waste as defined by 40 CFR Part 261 or an CFR Part 172 or any applicable state law, has been fully and for transportation according to all applicable state and federa Name: Signature: | nsigned manifests will cause the load to be delayed and/or rejected. ain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, my applicable state law, is not a DOT hazardous substance as defined by 49 accurately described above, classified, packaged and is in proper condition al regulations. Title: Date and Time: $12 - 19 - 19 - 8 - 50$ | | | | |
| TRANSPORTER Company: Hobbs Address: FarcField Driver: Stuck Company: Increase Intercept certify Intercept certify | Phone Number: Truck # and License Plate: 238 / 111554 SW Haulers Permit #: (applicable state permit #) ed material was picked up at the site listed above. | | | | |
| Driver Signature: ASM 12 | Date and Time: | | | | |
| Driver Signature: I hereby certify that the above named mat | was delivered without incident to the facility noted above. Date and Time: terial has been accepted at the above referenced facility. Date and Time: $12 - 18 - 1499$ | | | | |

FACILITY

Ticket: 700000168839 Clean Earth of Marvland Date 1469 Oak Ridge Place Time Scale In: 12/18/2014 10:15:00 Hagerstown, MD 21740 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 10:16:08 P. T. Lbs. Tns Manifest: 821664 Gross: 78000 39.00 Vehicle ID: 12HOBBS255 Tares 26480 13.24 Vehicle Permit: Net: 51520 25.76 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville. MD 21773 Origin Materials & Services Quantity Unit ---------Frederick Soil Treatment Type III 25.76 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14058 Comment: Driver: Facility: Cowdrick. Christine

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| GLOBAL JOB NUMBER: 135602 | FACILITY APPROVAL NUMBER: 143120310 |
|--|--|
| Please Check One: Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 Clean Earth of Philadelphia 3201 S. 61st Street Clean Earth of Philadelphia 115 Jacobus Avenue Clean Earth of 2002 | 94 Pyles Lane 40 40 Ph: 302-427-6633 Jersey Clean Earth of Southeast Pennsylvania 7 Steel Road East |
| Philadelphia, PA 19153 Ph: 215-724-5520 Non-H (Type or Print Clearly) | Morrisville, PA 19067 Ph: 215-428-1700 Iazardous Material Manifest |
| GENERATOR'S NAME & SITE ADDRESS: | GROSS WEIGHT: |
| AKJK PROPERTIES INC. | Tons Yards |
| 2035 CHESAPEAKE ROAD | TARE WEIGHT: |
| ANNAPOLIS, MD 21409 | Tons Yards |
| GENERATOR'S PHONE: 301-873-0394 AL | I CONS TAILOS I KAZEMZADEHET WEIGHT: |
| DESCRIPTION OF MATERIAL/SAMPLE ID A Je brite : MYERSVILLE BP/CROWN | NON-HAZ |
| 9486 MYERSVILLE ROAD | |
| MYERSVILLE, MD 21773 | |
| I hereby certify that the above named material does is not a hazardous waste as defined by 40 CFR Part | e and/or unsigned manifests will cause the load to be delayed and/or rejected. s not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, t 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 fully and accurately described above, classified, packaged and is in proper condition and federal regulations. Title: Date and Time: $\frac{12-19-14}{12-19-14}$ |
| TRANSPORTER Company: Image: Company: Address: Fongielo Driver: Image: Company: (Type or Print Chearly) | Phone Number: Truck # and License Plate: SW Haulers Permit #: (applicable state permit #) |
| Driver Signature: | bove named material was picked up at the site listed above. Date and Time: <u>V& - V& - W</u> |
| Driver Signature: | I material was delivered without incident to the facility noted above. Date and Time: $\underline{N} - \underline{N} - \underline{N}$ named material has been accepted at the above referenced facility. Date and Time: $\underline{N} - \underline{N} - \underline{N}$ |

FACILITY

Ticket: 700000168874 Clean Earth of Maryland 1469 Dak Ridge Place Date Time Scale In: 12/18/2014 10:36:37 Hagerstown, MD 21740 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 10:37:24 P. T. Lbs Ths Manifest: 821665 Gross: 79200 39.60 Vehicle ID: 12HOBBS238 Tare: 24140 12.07 Vehicle Permit: Netz 55060 27.53 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Gen Address: 2035 Chesapeake Road Job Name: Mversville BP/Crown Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit Frederick Soil Treatment Type III 27.53 Ins Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14059 Comment: Driver Facility: Cowdrick, Christine

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| GLOBAL JOB NUMBER: 135602 | FACILITY APPROVAL NUMBER: 143120310 |
|--|---|
| Please Check One: | |
| Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Clean Earth of New Castle Other 94 Pyles Lane New Castle, DE 19720 Ph: 302-427-6633 Other |
| Clean Earth of Philadelphia Clean Earth of Philadelphia S201 S. 61st Street Philadelphia, PA 19153 Kearny, NJ 07032 Ph: 215-724-5520 Ph: 973-344-4004 | Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 |
| Non-Hazardoi | us Material Manifest |
| (Type or Print Clearly) | |
| GENERATOR'S NAME & SITE ADDRESS: | GROSS WEIGHT: |
| AKJK PROPERTIES INC. | Tons Yards |
| 2035 CHESAPEAKE ROAD | TARE WEIGHT: |
| ANNAPOLIS, MD 21409 | Tons Yards |
| GENERATOR'S PHONE: | IZADENET WEIGHT: |
| DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCA | TION |
| Jabsite: MYERSVILLE BP/CROWN 9486 MYERSVILLE ROAD | NON-HAZ CONTAMINATED |
| MYERSVILLE, MD 21773 | SOIL |
| | |
| GENERATOR'S CERTIFICATION - Incomplete and/or uns | igned manifests will cause the load to be delayed and/or rejected. |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and a for transportation according to all applicable state and federal i | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 courately described above, classified, packaged and is in proper condition regulations. |
| I hereby certify that the above named material does not contair is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and a | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 ccurately described above, classified, packaged and is in proper condition |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and as for transportation according to all applicable state and federal nor Name: | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 ccurately described above, classified, packaged and is in proper condition regulations. Title: |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and a for transportation according to all applicable state and federal nor Name: | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 ccurately described above, classified, packaged and is in proper condition regulations. Title: |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and as for transportation according to all applicable state and federal nor Name: | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 ccurately described above, classified, packaged and is in proper condition regulations. Title: Date and Time: <u>12-18-14</u> 1011 |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and a for transportation according to all applicable state and federal nor Name: <u>Mater Quart</u> z Signature: <u>TRANSPORTER</u> Company: <u>Heitzes Tracking</u> | igned manifests will cause the load to be delayed and/or rejected. an free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 ccurately described above, classified, packaged and is in proper condition regulations. Title: \mathcal{I}_{\mathcal |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and a for transportation according to all applicable state and federal nor Name: $Materia GuardianName: Materia GuardianSignature: TRANSPORTERCompany: Habas TrackingAddress: Fourfield paDriver: Steven Brichen(Type or Print Clearly)$ | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 ccurately described above, classified, packaged and is in proper condition regulations. Title: Date and Time: Phone Number: Truck # and License Plate: SW Haulers Permit #: |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and as for transportation according to all applicable state and federal nor Name: Name | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, applicable state law, is not a DOT hazardous substance as defined by 49 courately described above, classified, packaged and is in proper condition regulations. Title: Date and Time: Phone Number: Truck # and License Plate: SW Haulers Permit #: (applicable state permit #) material was picked up at the site listed above. |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and as for transportation according to all applicable state and federal nor Name: Name: Name: Material Control of the state and federal nor Name: Material Control of the state and federal nor Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Name: Nam | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is applicable state law, is not a DOT hazardous substance as defined by 49 courately described above, classified, packaged and is in proper condition regulations. Title: Date and Time: Phone Number: Truck # and License Plate: SW Haulers Permit #: (applicable state permit #) material was picked up at the site listed above. Date and Time: Parts delivered without incident to the facility noted above. Date and Time: |
| I hereby certify that the above named material does not contain is not a hazardous waste as defined by 40 CFR Part 261 or any CFR Part 172 or any applicable state law, has been fully and as for transportation according to all applicable state and federal nor Name: Name: Material Contract of the state and federal nor Name: Material Contract of the state | igned manifests will cause the load to be delayed and/or rejected. In free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is applicable state law, is not a DOT hazardous substance as defined by 49 ccurately described above, classified, packaged and is in proper condition regulations. Title: Date and Time: Phone Number: Truck # and License Plate: SW Haulers Permit #: (applicable state permit #) I material was picked up at the site listed above. Date and Time: Parts delivered without incident to the facility noted above. |

FACILITY

Ticket: 700000168964 Clean Earth of Maryland Date Time 1469 Oak Ridge Place Scale In: 12/18/2014 11:20:04 Hagerstown, MD 21740 Scale CE Out: 12/18/2014 11:20:39 P. T. Ph: (301) 791-6220 Fax: (301) 791-6044 Lbs Tns Manifest: 821666 72380 Gross: 36.19 Vehicle ID: 12HOBBS255 Tare: 26480 13.24 Vehicle Permit: Net: 45900 22, 95 Customer: AKJK PROPERTIES INC. Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit Frederick Soil Treatment Type III 22.95 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14061 Comment: Driverz Facility: Cowdrick, Christine ROB HERR

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| GLOBAL JOB NUMBEI | R: 135602 | FA | CILITY | APPROV | AL NUMBER: | 143120310 |
|--|--|---|--|-----------------------------|-----------------------|----------------------------|
| Please Check One: | | | | | | |
| Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Clean Earth of Maryland 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 | 94 Py New (| Earth of New les Lane Castle, DE 19 02-427-6633 | | ☐ Other | |
| ☐ Clean Earth of Philadelphia 3201 S. 61st Street Philadelphia, PA 19153 Ph: 215-724-5520 | Clean Earth of North Jersey 115 Jacobus Avenue Kearny, NJ 07032 Ph: 973-344-4004 | Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 | | | | |
| (Type or Print Clearly) | Non-Haza | ardous N | Aaterial | Manife | st | |
| GENERATOR'S NAME & S | | | GROSS W | FIGHT | | |
| | | | _ | | | |
| 2035 CHESAPEAK | | | Tons | Vards | | |
| ANNAPOLIS. MD 2 | | | TARE W | EIGHT: | | |
| | | | Tons | Vards | | |
| GENERATOR'S PHONE: | <u>301-873-0394 ALI KA</u> | ZEMZA | DICHE T WE | EIGHT: | | |
| DESCRIPTION OF MATE | RIAL/SAMPLE ID AND I | OCATION | [| | | |
| Jabsite: MYERSVII | LE BP/CROWN | | | | | NON-HAZ |
| | SVILLE ROAD | | | | C C | ONTAMINATED |
| | LE, MD 21773 | | n Latin art | | | SOIL |
| GENERATOR'S CERTIFI | CATION - Incomplete and/ | or unsigned | manifests w | vill cause th | he load to be delaye | ed and/or rejected. |
| is not a hazardous waste as CFR Part 172 or any applic | by the named material does not a defined by 40 CFR Part 261 able state law, has been fully to all applicable state and fe | or any appli and accurat | cable state 1 ely describe | aw, is not a a above, c | a DOT hazardous s | substance as defined by 49 |
| TRANSPORTER | | | | | | |
| Company: | milui | Pho | one Number | : | <u>117 334</u> | 4820-1 |
| Address: | A. ale | Tru | ick # and Li | cense Plate | : <u>255 16</u> ? | <u>relat</u> |
| Driver: | 5 her | SW | / Haulers Pe | rmit #: | | - |
| | Type or Print Clearly) | | | | | ble state permit #) |
| | hereby certify that the above | named mate | rial was picl | ced up at tl | he site listed above. | |
| Driver Signature: | neff if ten | | _ Date and | Time: | 12-18-14 | |
| DESTINATION | | | | | | |
| Driver Signature: | fy that the above named mate certify that the above named Cowdur Ch | l material ha | _ Date and s been accept | Time: $\underline{\Lambda}$ | 4-18-14 | |

FACILITY

Ticket: 700000169013 Clean Earth of Marvland 1469 Oak Ridge Place Date Time Scale In: 12/18/2014 11:42:09 Hagerstown, MD 21740 Scale CE Pb: (301) 791-6220 Out: 12/18/2014 11:42:24 Fax: (301) 791-6044 P. T. Lbs Tns Manifest: 821668 Gross: 74640 37.32 Vehicle ID: 12HOBBS238 Tare: 24140 12.07 Vehicle Permit: Net: 50500 25.25 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit ____ Frederick Soil Treatment Type III 25.25 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14065 Comment: Drives Facility: BRIGHE Cowdrick. Christine

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| GLOBAL JOB NUMBER: | 135602 | FA | CILITY A | APPROV | AL NUMBER | a 143120310 |
|--|---|------------------------------|--|--------------|---------------------|--|
| Please Check One: | | | | | | |
| Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Clean Earth of Maryland 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 | 94 Pyl New C | Earth of New es Lane astle, DE 19 2-427-6633 | | Othe | er |
| Clean Earth of Philadelphia 3201 S. 61st Street Philadelphia, PA 19153 Ph: 215-724-5520 | Clean Earth of North Jersey 115 Jacobus Avenue Kearny, NJ 07032 Ph: 973-344-4004 | 7 Stee Morris | Earth of Sout I Road East ville, PA 1900 5-428-1700 | | nsylvania | |
| (Type or Print Clearly) | Non-Haza | rdous M | laterial | Manife | est | |
| GENERATOR'S NAME & SI | | | GROSS W | EIGHT, | | · |
| AKJK PROPERTIES | | | | []Yards | | |
| 2035 CHESAPEAKE | | | | | | |
| ANNAPOLIS. MD 21 | | | TARE W | | | |
| e tente | | · | Tons | Yards | | |
| GENERATOR'S PHONE: | 901-873-0394 ALI KA | ZEMZA | | _ | | |
| | | | Tons | Vards | | |
| DESCRIPTION OF MATER | | OCATION | | | | |
| Job site : MYERSVILI | | | . , | | ant and an | NON-HAZ |
| | VILLE ROAD | | | | · · | CONTAMINATED |
| | .E. MD 21773 | | | | | SOIL |
| GENERATOR'S CERTIFIC | ATION – Incomplete and/o | or unsigned | manifests w | vill cause t | the load to be del | ayed and/or rejected. |
| is not a hazardous waste as de | efined by 40 CFR Part 261 of ble state law, has been fully | or any appli- and accurat | cable state l ely describe | aw, is not | a DOT hazardou | 10 or any applicable state law, is substance as defined by 49 ged and is in proper condition |
| | wards | | Title: | 5 | 41F 50 | is firt |
| Signature: | \sim | | Date and T | ìme: 1 | 2-18-14 | 11:03 |
| TRANSPORTER | | | | | | |
| Company: Hubbs Tria | CKINK | Pho | ne Number | -; | | |
| Address: Fastiald po | , | Tru | ck # and Li | cense Plat | te: 236 | 171854 |
| | han | | Haulers Pe | ermit #: | | |
| (Ty | pe or Print Clearly) | | | | (appl | icable state permit #) |
| I he | reby certify that the above n | amed mater | rial was picl | ked up at i | the site listed abo | ove. |
| Driver Signature: | UTF- | | _ Date and | Time: 🧕 | 2-13-14 | <u> </u> |
| DESTINATION | | | | | | |
| Driver Signatures 20 2 U | ertify that the above named mate | | Date and | Time: _ | | |
| | owdu Ch | | | | | |
| | | | | | | |

FACILITY

Ticket: 700000169102 Clean Earth of Maryland 1469 Dak Ridge Place Date Time Scale In: 12/18/2014 12:33:13 Hagerstown, MD 21740 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 12:34:05 P. T. Lbs Tns Manifest: 821667 Gross: 79280 39.64 Vehicle ID: 12HOBBS255 Tare: 26480 13.24Vehicle Permit: Net: 52800 26.40 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit Frederick Soil Treatment Type III 26.40 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14068 Comment: Driver: Facility:

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| GLOBAL JOB NUMBER | R: 135602 | FACILITY APPROV | AL NUMBER: 143120310 |
|---|---|---|--|
| Please Check One: | X Clean Earth of Maryland | Clean Earth of New Castle | Other |
| 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 | 94 Pyles Lane New Castle, DE 19720 Ph: 302-427-6633 | |
| Clean Earth of Philadelphia 3201 S. 61st Street Philadelphia, PA 19153 Ph: 215-724-5520 | Clean Earth of North Jersey 115 Jacobus Avenue Kearny, NJ 07032 Ph: 973-344-4004 | Clean Earth of Southeast Penr 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 | isylvania |
| (Type or Print Clearly) | Non-Haza | rdous Material Manife | est |
| GENERATOR'S NAME & S | ITE ADDRESS: | GROSS WEIGHT: | |
| AKJK PROPERTIE | | Tons Yards | |
| 2035 CHESAPEAK | E ROAD | TARE WEIGHT: | |
| ANNAPOLIS, MD 2 | 1409 | | |
| GENERATOR'S PHONE: | 301-873-0394 ALI KA | ZEMZADEHET WEIGHT: | |
| | | | |
| DESCRIPTION OF MATE | RIAL/SAMPLE ID AND LO | OCATION | |
| Job site : MYERSVII | LE BP/CROWN | | NON-HAZ |
| 6494 MVFD | SVILLE ROAD | | CONTAMINATED |
| | | | |
| | LE, MD 21773 | | SOL |
| MYERSVII | LE, MD 21773 | or unsigned manifests will cause t | |
| GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o | SOIL hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition |
| GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o | SOIL hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o deral regulations. | SOIL hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o deral regulations. | SOIL hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition |
| MYERSVII <u>GENERATOR'S CERTIFI</u> I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o deral regulations. | SOIL hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o deral regulations. Title: Date and Time: | SOIL hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition |
| MYERSVII. GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER Company: Address: Driver: | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a to all applicable state and fee <i>June cols</i> | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o deral regulations. Title: Date and Time: Phone Number: | Solu hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition 2449 = 56474 -6474 = 1210 1210 e: 1934-6516 e: 1935 = 19 |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic. for transportation according Name: Signature: TRANSPORTER Company: Address: Driver: Observe | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a to all applicable state and fee <i>June cods</i> <i>June cods</i> <i>Support Print Clearly</i>) | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, of deral regulations. | SOIL hc load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic. for transportation according Name: Signature: TRANSPORTER Company: Address: Driver: Observe | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a to all applicable state and fee <i>June cods</i> <i>June cods</i> <i>Support Print Clearly</i>) | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o deral regulations. | Solu he load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition 2449 = 56.6474 -6-14 = 12.10 e: $1434-6536$ (applicable state permit #) he site listed above. |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER Company: Address: Driver: | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a to all applicable state and fee <i>June cods</i> <i>June cods</i> <i>Support Print Clearly</i>) | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, o deral regulations. | Solu he load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition 2449 = 56.6474 -6-14 = 12.10 e: $1434-6536$ (applicable state permit #) he site listed above. |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER Company: Address: Driver: Oriver Signature: I herapy certify Driver Signature: I herapy certify Driver Signature: | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a to all applicable state and fee <i>Luccos</i> yet or Print Clearly) hereby certify that the above n that the above named material | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, of deral regulations. | SOIL he load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} \overrightarrow{P} |
| MYERSVII GENERATOR'S CERTIFI I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER Company: Address: Driver: Oriver Signature: I herapy certify Driver Signature: I herapy certify Driver Signature: | LE, MD 21773 <u>CATION</u> – Incomplete and/o we named material does not co defined by 40 CFR Part 261 o able state law, has been fully a to all applicable state and fee <i>Luccos</i> yet or Print Clearly) hereby certify that the above n that the above named material | ontain free liquid as defined by 4 or any applicable state law, is not and accurately described above, of deral regulations. | SOIL he load to be delayed and/or rejected. 0 CFR Part 260.10 or any applicable state law, a DOT hazardous substance as defined by 49 classified, packaged and is in proper condition 2449 - 544 - 546 e: 1210 (applicable state permit #) he site listed above. 12 - 14 it to the facility noted above. |

FACILITY

Ticket: 700000169166 Clean Earth of Maryland Date Time Scale 1469 Oak Ridge Place In: 12/18/2014 13:11:29 Scale CE Hagerstown, MD 21740 Out: 12/18/2014 13:11:48 P. T. Ph: (301) 791-6220 Fax: (301) 791-6044 Lbs. Tos Manifest: 821669 77560 Gross: 38.78 Vehicle ID: 12HOBBS238 12.07 Tares 24140 Vehicle Permit: Net: 53420 26.71 Customer: AKJK PROPERTIES INC. Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit Frederick Soil Treatment Type III 26.71 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14070 Comment: Drivers Facility: STEVEN BRIGHAM Cowdrick, Christine

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| GLOBAL JOB NUMBER | a: 135602 | FACILITY APPROVAL NU | MBER: 143120310 |
|--|--|---|--|
| Please Check One: | | | |
| Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Clean Earth of Maryland 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 | Clean Earth of New Castle 94 Pyles Lane New Castle, DE 19720 Ph: 302-427-6633 | Other |
| Clean Earth of Philadelphia 3201 S. 61st Street Philadelphia, PA 19153 Ph: 215-724-5520 | Clean Earth of North Jersey 115 Jacobus Avenue Keamy, NJ 07032 Ph: 973-344-4004 | Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph; 215-428-1700 | |
| | Non-Hazardo | ous Material Manifest | |
| (Type or Print Clearly) | | | |
| GENERATOR'S NAME & S | ITE ADDRESS: | GROSS WEIGHT: | |
| AKIK PROPERTIF | S.INC. | Tons Yards | |
| 2035 CHESAPEAK | | TARE WEIGHT: | |
| ANNAPOLIS, MD 2 | 1409 | Tons Yards | |
| GENERATOR'S PHONE: | -301-873-0394 ALI KAZE | MZADEHET WEIGHT: | |
| DESCRIPTION OF MATE | RIAL/SAMPLE ID AND LOCA | ATION | |
| Jobsite: MYERSVII | | | NON HAZ |
| | SVILLE ROAD | | CONTAMINATED |
| | LE, MD 21773 | | SOIL |
| CENERATOR'S CEDTIEL | | | |
| | | signed manifests will cause the load to | |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic | ve named material does not conta defined by 40 CFR Part 261 or an | in free liquid as defined by 40 CFR Pa by applicable state law, is not a DOT has accurately described above, classified, | rt 260.10 or any applicable state law, zardous substance as defined by 49 |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: | ve named material does not conta defined by 40 CFR Part 261 or an able state law, has been fully and to all applicable state and federal | in free liquid as defined by 40 CFR Pa by applicable state law, is not a DOT ha accurately described above, classified, regulations. Title: | rt 260.10 or any applicable state law, zardous substance as defined by 49 |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER Company: Address: Tauffold Driver: Tauffold | ve named material does not conta defined by 40 CFR Part 261 or an able state law, has been fully and to all applicable state and federal y and $yyyyyyyyyy$ | in free liquid as defined by 40 CFR Pa by applicable state law, is not a DOT ha accurately described above, classified, regulations. Title: | rt 260.10 or any applicable state law, izardous substance as defined by 49 packaged and is in proper condition S_{12} , S_{12} 12, $458 171_{p} 54$ |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>Mate</u> Signature: <u>Mate</u> Signature: <u>Mate</u> Company: <u>Herebs</u> To Address: <u>Fauf Void</u> Driver: <u>Steven fo</u> | ve named material does not conta defined by 40 CFR Part 261 or an able state law, has been fully and to all applicable state and federal comments of s comments of s cucking pr pr pr pr pr pr pr pr pr pr pr pr pr | in free liquid as defined by 40 CFR Pa by applicable state law, is not a DOT has accurately described above, classified, regulations. Title: Date and Time: $IZ-IS-IS$ Phone Number: Truck # and License Plate: ZS | et 260.10 or any applicable state law, izardous substance as defined by 49 packaged and is in proper condition 3 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: <u>Mate</u> Signature: <u>Mate</u> Signature: <u>Mate</u> Company: <u>Hainbs</u> Ta Address: <u>Fairfold</u> Driver: <u>Stevan</u> for Driver Signature: <u>Mate</u> <u>DESTINATION</u> I hereby certif Driver Signature: | by that the above named material does not contain defined by 40 CFR Part 261 or an able state law, has been fully and to all applicable state and federal ucking ucking rype of Print Clearly) hereby certify that the above name ucking | in free liquid as defined by 40 CFR Pa by applicable state law, is not a DOT has accurately described above, classified, regulations. Title: | rt 260.10 or any applicable state law, izardous substance as defined by 49 packaged and is in proper condition $S_{1} = \sqrt{54}$ 8 <u>171,554</u> (applicable state permit #) ted above. <u>14 12:45</u> acility noted above. |

Ticket: 700000169247 Clean Earth of Maryland 1469 Oak Ridge Place Date Tige Scale In: 12/18/2014 13:51:18 Scale CE Hagerstown, MD 21740 Out: 12/18/2014 13:52:11 Ph: (301) 791-6220 Fax: (301) 791-6044 P. T. Lbs Tns Manifest: 821670 80740 Gross: 40.37 Vehicle ID: 12HOBBS255 26480 Tare: 13.24 Vehicle Permit: Net: 54260 27.13 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis. MD 21409 Myersville, MD 21773 Materials & Services Origin Quantity Unit Frederick Soil Treatment Type III 27.13 Tos Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14072 Comment: Driver: Facility: Cowdrick, Christine



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| GLOBAL JOB NUMBER: | ACILITY APPROVAL NUMBER: 143120310 |
|---|---|
| Please Check One: | |
| 24 Middlesex Avenue Carteret, NJ 07008 Hagerstown, MD 21740 New | a Earth of New Castle Image: Other yles Lane Image: Other Castle, DE 19720 Image: Other 02-427-6633 Image: Other |
| Clean Earth of Philadelphia Clean Earth of North Jersey Clean 3201 S. 61st Street 115 Jacobus Avenue 7 Ste Philadelphia, PA 19153 Kearny, NJ 07032 Morri | n Earth of Southeast Pennsylvania el Road Éast sville, PA 19067 15-428-1700 |
| Non-Hazardous I | Material Manifest |
| (Type or Print Clearly) | 1 |
| GENERATOR'S NAME & SITE ADDRESS: | GROSS WEIGHT: |
| AKJK PROPERTIES INC. | Tons Yards |
| 2035 CHESAPEAKE ROAD | TARE WEIGHT: |
| ANNAPOLIS, MD 21409 | Tons Yards |
| GENERATOR'S PHONE: | DETET WEIGHT: |
| DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION | N |
| boite MYERSVILLE BP/CROWN | NON-HAZ |
| 9486 MYERSVILLE ROAD | |
| MYERSVILLE: MD 21773 | SOIL |
| GENERATOR'S CERTIFICATION - Incomplete and/or unsigned | manifests will cause the load to be delayed and/or rejected. |
| is not a hazardous waste as defined by 40 CFR Part 261 or any appl CFR Part 172 or any applicable state law, has been fully and accura for transportation according to all applicable state and federal regul | liquid as defined by 40 CFR Part 260.10 or any applicable state law, icable state law, is not a DOT hazardous substance as defined by 49 tely described above, classified, packaged and is in proper condition ations. |
| Name: Nate Edwards | Title: Styl Scientist |
| Signature: | Date and Time: 12-15-14 13:31 |
| TRANSPORTER | |
| Company: Mult of Trushing Pt. | one Number: |
| Address: Tailield B | uck # and License Plate: 155 \\alpha b b |
| | V Haulers Permit #: |
| (Type or Print Clearly) | (applicable state permit #) |
| I hereby certify that the above named mate | erial was picked up at the site listed above. |
| Driver Signature: Kalent J. Hern | Date and Time: |
| DESTINATION I heraby certify that the above named material was do Driver Signature: I heraby certify that the above named material heraby certify theraby certify that the above named material heraby cert | livered without incident to the facility noted above. Date and Time: $\sqrt{2 - 13 - 14}$ as been accepted at the above referenced facility. Date and Time: $\sqrt{2 - 18 - 14}$ |

FACILITY

TF _____

Ticket: 700000169319 Clean Earth of Marvland 1469 Dak Ridge Place Date Time Scale In: 12/18/2014 14:31:00 Hagerstown, MD 21740 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 14:31:32 P. T. Lbs Tns Manifest: 021672 Gross: 82720 41.36 Vehicle ID: 12HOBBS238 Tare: 24140 12.07 Vehicle Permit: Net: 58580 29.29 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis. MD 21409 Myersville, MD 21773 Origin Materials & Services Quantity Unit Frederick Soil Treatment Type III 29.29 Tns Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14073 Comment: Driver: Facility: Cowdrick. Christine

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| GLOBAL JOB NUMBEI | R: 135602 | FACILITY | APPROVA | L NUMBER: | 143120310 | |
|--|--|---|---|--|--|--|
| Please Check One: | | | | | | |
| Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Clean Earth of Maryland 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 | Clean Earth of Nev 94 Pyles Lane New Castle, DE 1: Ph: 302-427-6633 | 9720 | Other | | |
| ☐ Clean Earth of Philadelphia 3201 S. 61st Street Philadelphia, PA 19153 Ph: 215-724-5520 | Clean Earth of North Jersey 115 Jacobus Avenue Kearny, NJ 07032 Ph: 973-344-4004 | Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 | | | | |
| (Turpe or Brint Cloady) | Non-Haza | rdous Material | Manifest | t | | |
| (Type or Print Clearly) | TTE ADDDESS. | GROSS | VENCUT. | | | |
| AKJK PROPERTIE | | | | | | |
| 2035 CHESAPEAK | | TARE W | | | | |
| ANNAPOLIS. MD 2 | | TARE w □Tons | | | | |
| GENERATOR'S PHONE: | | | UYards EIGHT: | | | |
| DESCRIPTION OF MATE | RIAT/SAMPLE ID AND L | | | | | |
| Jabsita: MYRRSVII | | . We consider a street | | | NON-HAZ | |
| 9486 MYER | | | | CC | NON-HAZ | |
| | LE. MD 21773 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | SOIL | |
| | | | | | | |
| GENERATOR SCERIFF | CATION – Incomplete and/c | r unsigned manifests v | will cause the | load to be delaye | d and/or rejected. | |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic. | ve named material does not e defined by 40 CFR Part 261 o able state law, has been fully to all applicable state and fe | ontain free liquid as do or any applicable state and accurately describ | fined by 40 C law, is not a f | CFR Part 260.10 o DOT hazardous su | r any applicable state law, ibstance as defined by 49 | |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic. | we named material does not e defined by 40 CFR Part 261 of able state law, has been fully | ontain free liquid as do or any applicable state and accurately describ | fined by 40 C law, is not a f | CFR Part 260.10 o DOT hazardous su | r any applicable state law, ibstance as defined by 49 | |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic. for transportation according | ve named material does not e defined by 40 CFR Part 261 o able state law, has been fully to all applicable state and fe | ontain free liquid as do or any applicable state and accurately describ leral regulations. | efined by 40 C law, is not a f ed above, clas | CFR Part 260.10 o DOT hazardous su | r any applicable state law, ibstance as defined by 49 | |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: | ve named material does not e defined by 40 CFR Part 261 o able state law, has been fully to all applicable state and fe | ontain free liquid as do or any applicable state and accurately describ leral regulations. | efined by 40 C law, is not a f ed above, clas | CFR Part 260.10 o DOT hazardous su | r any applicable state law, ibstance as defined by 49 | |
| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER | we named material does not e defined by 40 CFR Part 261 of able state law, has been fully to all applicable state and fer Mura (25) | ontain free liquid as do or any applicable state and accurately describ leral regulations. | fined by 40 C law, is not a f ed above, clas $\frac{5 - \frac{1}{1 - \frac{1}{2}}}{\frac{1}{2}}$ Fime: | CFR Part 260.10 o DOT hazardous su | r any applicable state law, ibstance as defined by 49 | |
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| I hereby certify that the abo is not a hazardous waste as CFR Part 172 or any applic for transportation according Name: Signature: TRANSPORTER Company: Hobbs T Address: FRICFIELD Driver: Steven F | ve named material does not e defined by 40 CFR Part 261 o able state law, has been fully to all applicable state and fer Charles (2) 5 (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2 | ontain free liquid as do or any applicable state and accurately describ leral regulations. Title: Date and T Phone Numbe Truck # and L SW Haulers P amed material was pic | Fined by 40 C law, is not a f ed above, class $\int \frac{\sqrt{1-x}}{\sqrt{1-x}}$ Fime: r: icense Plate: crmit #: | FR Part 260.10 o DOT hazardous su ssified, packaged <u>JZ ~(8~14</u> (applicabl site listed above. | e state permit #) | |
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FACILITY

Ticket: 700000169381 Clean Earth of Maryland 1469 Oak Ridge Place Date Time Scale In: 12/18/2014 15:04:07 Hagerstown, MD 21740 Scale CE Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 15:04:28 **Р.** Т. Lbs. Tns Manifest: 821671 Gross: 78980 39.49 Vehicle ID: 12HOBBS255 26480 Tare 13.24 Vehicle Permit: Net: 52500 26.25 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville, MD 21773 Örigin Materials & Services Quantity Unit Frederick Soil Treatment Type III 26.25 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 20074 ComMent: Driver: Facility: Cowdrick, Christine

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| GLOBAL JOB NUMBER: | 135602 | FACILITY APPROVAL NUMBE | _{R:} 143120310 |
|---|---|---|--|
| Please Check One; | | | |
| Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 | Clean Earth of Maryland 1469 Oak Ridge Place Hagerstown, MD 21740 Ph: 301-791-6220 | Clean Earth of New Castle Oth 94 Pyles Lane | er |
| Clean Earth of Philadelphia 3201 S. 61st Street Philadelphia, PA 19153 Ph: 215-724-5520 | Clean Earth of North Jersey 115 Jacobus Avenue Kearny, NJ 07032 Ph: 973-344-4004 | Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 | |
| (Type or Print Clearly) | Non-Hazai | rdous Material Manifest | |
| GENERATOR'S NAME & SI | TE ADDRESS: | GROSS WEIGHT: | |
| AKJK PROPERTIES | INC | Tons Yards | |
| 2035 CHESAPEAKE | | TARE WEIGHT: | |
| ANNAPOLIS, MD 21 | 409 A | | |
| GENERATOR'S PHONE: | 101-873-0394 ALLKA | ZEMZADETET WEIGHT: | |
| h h site : MYERSVILI 9486 MYERS MYERSVILI | VILLE ROAD | n an ann an an an ann an ann an ann an a | NON-HAZ CONTAMINATED SOIL |
| | ATION - Incomplete and/a | | aved and/or rejected |
| GENERATOR'S CERTIFIC I hereby certify that the above is not a hazardous waste as de | e named material does not co efined by 40 CFR Part 261 o ole state law, has been fully a | or unsigned manifests will cause the load to be de ontain free liquid as defined by 40 CFR Part 260. or any applicable state law, is not a DOT hazardon and accurately described above, classified, packa deral regulations. | 10 or any applicable state is substance as defined by |
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| GENERATOR'S CERTIFIC I hereby certify that the above is not a hazardous waste as de CFR Part 172 or any applicab for transportation according to Name: Signature: TRANSPORTER Company: Address: Driver: | e named material does not co efined by 40 CFR Part 261 o ole state law, has been fully a o all applicable state and fed | or unsigned manifests will cause the load to be de ontain free liquid as defined by 40 CFR Part 260. or any applicable state law, is not a DOT hazardon and accurately described above, classified, packa deral regulations. | 10 or any applicable state 13 substance as defined by ged and is in proper condition 2 |
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FACILITY

Ticket: 700000169442 Clean Earth of Marvland Date Time Scale 1469 Oak Ridge Place In: 12/18/2014 15:50:58 Scale CE Hagerstown, MD 21740 Ph: (301) 791-6220 Fax: (301) 791-6044 Out: 12/18/2014 15:51:31 **Р.** Т. Lbs Tns Manifest: 821674 Gross: 45300 22.65 Vehicle ID: 12HOBBS238 Tare: 24140 12.07 Vehicle Permit: Net: 21160 10.58 Customer: AKJK PROPERTIES INC Facility Approval#: 143120310 Generator: AKJK Properties Inc. Job Name: Myersville BP/Crown Gen Address: 2035 Chesapeake Road Job Address: 9486 Myersville Road Annapolis, MD 21409 Myersville. MD 21773 Origin Materials & Services Quantity Unit Frederick Soil Treatment Type III 10.58 Ths Contaminate Type: Petroleum Treatment Type: Fixation Fac Waste Code: Soils Storage Area: Area B Sample ID: 14075 Comment: *** LAST LOAD *** Facility: BRIGHAM

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| GLOBAL JOB NUMBER: 135602 | FACILITY APPROVAL NU | MBER: 143120310 |
|--|---|--|
| 24 Middlesex Avenue Carteret, NJ 07008 Ph: 732-541-8909 Ph: 301_791-6220 | 94 Pyles Lane New Castle, DE 19720 Ph: 302-427-6633 | Other |
| 3201 S. 61st Street 115 Jacobus Avenue Philadelphia, PA 19153 Kearny, NJ 07032 Ph: 215-724-5520 Ph: 973-344-4004 | Clean Earth of Southeast Pennsylvania 7 Steel Road East Morrisville, PA 19067 Ph: 215-428-1700 Ous Material Manifest | -ast Load |
| | | -47 1 2040 |
| (Type or Print Clearly) GENERATOR'S NAME & SITE ADDRESS: | GROSS WEIGHT: | |
| AKJK PROPERTIES INC | Tons Yards | |
| 2035 CHESAPEAKE ROAD | TARE WEIGHT: | |
| ANNAPOLIS MD 21409 | Trons Yards | |
| GENERATOR'S PHONE: | | |
| DESCRIPTION OF MATERIAL/SAMPLE ID AND LOC | CATION | |
| Jobsite: MYERSVILLE BP/CROWN | | NON-HAZ |
| 9486 M YERSVILLE ROAD | | CONTAM NATED |
| MYERSVILLE MD 21773 | and the second second second second | SOIL |
| CENEDATOD'S CEDTIEICATION Incomplete and/or u | nsigned manifests will cause the load to | be delayed and/or rejected |
| GENERATOR'S CERTIFICATION – Incomplete and/or u I hereby certify that the above named material docs not cont is not a hazardous waste as defined by 40 CFR Part 261 or a CFR Part 172 or any applicable state law, has been fully and for transportation according to all applicable state and federal Name: Name: Signature: | ain free liquid as defined by 40 CFR Pa ny applicable state law, is not a DOT ha i accurately described above, classified, | rt 260.10 or any applicable state law, azardous substance as defined by 49 |
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| I hereby certify that the above named material does not cont is not a hazardous waste as defined by 40 CFR Part 261 or a CFR Part 172 or any applicable state law, has been fully and for transportation according to all applicable state and federal Name: Name | ain free liquid as defined by 40 CFR Pa ny applicable state law, is not a DOT ha d accurately described above, classified, al regulations. | rt 260.10 or any applicable state law, azardous substance as defined by 49 packaged and is in proper condition 553-57 <u>171554</u> (applicable state permit #) ted above. |
| I hereby certify that the above named material does not cont is not a hazardous waste as defined by 40 CFR Part 261 or a CFR Part 172 or any applicable state law, has been fully and for transportation according to all applicable state and federal Name: Nam: | ain free liquid as defined by 40 CFR Pa my applicable state law, is not a DOT had accurately described above, classified, al regulations. | acility noted above. |
| I hereby certify that the above named material does not cont is not a hazardous waste as defined by 40 CFR Part 261 or a CFR Part 172 or any applicable state law, has been fully and for transportation according to all applicable state and federal Name: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Nam: Na | ain free liquid as defined by 40 CFR Pa my applicable state law, is not a DOT had accurately described above, classified, al regulations. | rt 260.10 or any applicable state law, azardous substance as defined by 49 packaged and is in proper condition 353-454 (applicable state permit #) ted above. 14 310μ acility noted above. |

APPENDIX E

MDE TANK REMOVAL/ABANDONMENT DIRECTIVE

MARYLAND DEPARTMENT OF THE ENVIRONMENT



Oil Control Program, Suite 620, 1800 Washington Blvd., Baltimore MD 21230-1719 410-537-3442 • 410-537-3092 (fax) 1-800-633-6101

Martin O'Malley Governor

Anthony G. Brown Lieutenant Governor

September 23, 2014

Mr. Ali Kazemzadeh 104 Ashton Oaks Court Ashton MD 20861-9711

RE: SITE STATUS with DIRECTIVES

Case No. 90-1304-FR Consent Order – May 4, 2007 Notices of Violation NV-86-331, 2002-069, NV-2006-010 Myersville BP Amoco 9486 Myersville Road, Myersville Frederick County, Maryland Facility I.D. No. 1139

Dear Mr. Kazemzadeh:

The Oil Control Program recently completed a review of the case file for the above referenced property. The most recent groundwater sampling data collected from the monitoring well network in June 2014 confirmed the continued presence of dissolved phase petroleum contamination on-site (benzene at 835 parts per billion [ppb]; methyl tertiary-butyl ether [MTBE] at 102 ppb; toluene at 1,850 ppb; total petroleum hydrocarbons – diesel and gasoline range organics [TPH-DRO and GRO] at 23,300 and 16,000 ppb, respectively). In June 2014, samples collected from the on-site drinking water supply well detected MTBE at 302 ppb prior to treatment. Sampling results for the post sampling port were non-detect for MTBE. The Department is in receipt of a 30-day written notification to remove the active underground storage tanks (USTs) at this facility.

Based on our review, the Department has the following comments and requirements:

- 1. Currently, there are four monitoring wells located on-site. It is your responsibility to ensure the integrity of these wells during excavation activities.
- 2. During the removal of all UST system components, the Department requires the removal of petroleum impacted soils to the maximum extent practicable.
- 3. Any monitoring wells known to be located in a proposed excavation area that may be compromised during soil removal activities must be properly abandoned by a Maryland-licensed well driller in accordance with COMAR 26.04.04.11D(3). If wells are abandoned, submit the abandonment reports to the Oil Control Program within 30 days following completion of excavation activities.

Robert M. Summers, Ph.D.

Secretary

Mr. Ali Kazemzadeh Case No. 90-1304-FR Page Two

4. <u>Within 45 days</u> of completing soil excavation, any monitoring wells destroyed must be replaced in a location approved by the Department. Replacement monitoring wells must be at least 2 inches in diameter.

1

- 5. Due to the small size of the parcel, the Department recommends that all excavated impacted soils be directly loaded and removed off-site for proper disposal. Soil disposal receipts must be submitted as part of the final UST Removal and Targeted Soils Removal Report.
- Following the excavation of petroleum-impacted soils, post-excavation confirmatory samples must be collected. The number of samples to be collected will be site-specific and depend on the extent of the dig-out and the area affected.
- 7. All soil samples collected must be analyzed for full-suite volatile organic compounds (VOCs), including fuel oxygenates and naphthalene, using EPA Method 8260 and for TPH-DRO and TPH-GRO) using EPA Method 8015B.
- 8. <u>No later than 45 days</u> from completion of UST removal activities, submit a UST Removal and Targeted Soils Removal Report that details site activities. At a minimum, the report must include: a scaled site map depicting the former UST field; dispenser areas; areas of additional soil excavation; soil sample locations; UST and soil disposal receipts; post excavation soil analytical data; all pertinent qualitative and/or quantitative discussions; and an amended UST registration.
- 9. Continue sampling all site monitoring wells that do not regularly exhibit LPH on a quarterly (every three months) basis and analyze the samples collected for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 8260 and for TPH-DRO and TPH-GRO using EPA Method 8015B.
- 10. Continue sampling the on-site drinking water supply well. Samples must be collected before, inbetween, and after any treatment system and analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2.
- 11. Within 20 days of completing the sampling event, submit the results in quarterly monitoring reports (every three months). When submitting sampling results, include detailed data summary tables and scaled site maps showing actual sampling locations. The Department calls your attention to requirement #16 under "Reporting Requirements" in the Consent Order executed on September 6, 2007, which states: "For any remedial requirements that is not timely performed, Owner shall provide, within 14 days of a written request by MDE, why the requirement was not performed, what steps are being taken to ensure its prompt performance, and when it is anticipated that the requirement will be performed."

Mr. Ali Kazemzadeh Case No. 90-1304-FR Page Three

Notify the Oil Control Program at least five (5) working days prior to conducting any work at this site so our representatives have an opportunity to observe field activities. If you have any questions regarding the groundwater investigation, please contact the case manager, Mr. Rob Hill at 301-665-2857 (email rob.hill@maryland.gov) or me at 410-537-3499 (email: susan.bull@ryland.gov).

Sincerely,

Susan R. Bull, Western Region Section Head Remediation and State-Lead Division Oil Control Program

RJH/nln

cc: Mr. Michael J. Robertson (Advantage Environmental Consultants, Inc.)
 Mr. George Keller (Frederick County Health Dept.)
 Mr. Andrew B. Miller
 Mr. Christopher H. Ralston

Mr. Horacio Tablada

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard, Suite 620 • Baltimore Maryland 21230-1719

(410) 537-3442 • 1-800-633-6101 • http:// www. mde. state. md. us

LAND MANAGEMENT ADMINISTRATION Oil Control Program

Case #: 90-1304-FR

UP

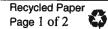
Tank Removal / Abandonment

Site Name: <u>MYERSVILLE /BP /AMOCO /CROWN</u> Address: <u>9486 Myersville Road, Myersville Frederick County, Maryland</u>

Date: 12/11,12,15,16,17, 18/14 Facility ID #: 1139

1. (a) <u>4</u> Number of UST's removed (b) <u>0</u> Number of UST's abandoned-in-place (c) <u>0</u> Number of UST's remaining on-site.

| Tank | Product | Age | Size | Tank | | | rations | | Piping | Disposal Site |
|--------------|--|---------------|----------------|-------------------------------------|---------------|----------|-----------------|----------------|--------------------------------|-----------------------------------|
| | | (years) | (gallons) | Construction | Tar | nk | Pip | ing | Construction | Disposal Site |
| 1 | Gasohol | 24 | 8,000 | Sti-p3 | Yes 🗌 | No 🛛 | Yes 🗌 | No 🖾 | FRP | Conservit Metals Hagerstown |
| 2 | Gasohol | 24 | 8,000 | | Yes 🗌 | No 🛛 | Yes 🗌 | No 🛛 | FRP | |
| 3 | Gasohol | 24 | 8,000 | | Yes 🗖 | No 🖂 | Yes 🗆 | No 🖾 | FRP | |
| 4 | Diesel | 24 | 6,000 | | Yes 🗌 | No 🛛 | Yes 🗖 | No 🛛 | FRP | |
| | | | | | Yes 🗖 | No 🗌 | Yes 🗖 | No 🗌 | | |
| | | | | | Yes 🗌 | No 🔲 | Yes 🗖 | No 🗌 | | |
| 2 Has a | an environmental ass | essment bee | en completed | ? | YES | [| | | ······ | I |
| | piping been properly | | ? | | YES | |]NO | | UNKNOWN | |
| | vent risers been remo | | | | YES | C | NO | | | |
| | all liquid been remov | | T(s)? | | YES | 0 |]NO | | | |
| | plosion meter on site | | | | YES | | <u>NO</u> | | | |
| | UST(s) been purged confirm less than 10% | | | | YES | |]NO | | | |
| | bundwater contamina | | prosion metery | | YES | Г |]NO | П | NOT DETECTABLE A | T THIS TIME |
| | l contaminated? (if y | | oduct:) | | YES | | | | NOT DETECTABLE A | |
| 10. Were | contaminated soils | removed? | | | YES | | ОИ | _ | 6 | |
| | | ated Soil Ren | ioval Form; If | NO, describe in item 11 | | - | - | | | |
| | soil field screened? | at T | lining: more | | YES | L | JNO | | | |
| | lomestic well(s) on s | | rping: max. | | VES | г |]NO | | | |
| | ampling required? (I | | PA method | in item 14) | \square YES | | | | | |
| | | | | THE OWNER BY | | | | J٠ | | |
| | OP OPERATIONS | | MP OUT LIC | | ITAIN AN | | | | | |
| | THER: | | | | | | | | | |
| | | | | | | | | | | |
| | | | | F THE OWNER BY | | | | | | |
| | | | | MENT DOCUMEN | | | | | | |
| | OPERLY ABANDO | ON PIPING | IN COMPLI | ANCE WITH COM | AR 26.10. | 10.02 B. | .(2) (remo | ved unl | ess otherwise directed) | |
| | EMOVE VENT PIPE | | | | | | | | | |
| | | WELL (S) | REQUIRED | IN PETROLEUM IN | MPACTEL |) AREA | (S) DES(| | D IN ITEM 18 | |
| | BMIT SOIL ANAL | | | SIVIENT IN COMPL | IANCE W | IIACC | JMAR 26 | 10 | (submit two copies) | |
| | PA METHOD: 80 | | | 21 (Пвтех Пмтві | | - - | | 0.010 | | |
| | | | | BA, TAME & napt | | L_ | <u>8270 (SV</u> | OC(S) | ⊠ <u>8260 (VOC'S)</u> | |
| | BMIT GROUNDW. | | | | naiene. | | | | | |
| | _ | 15B GRO/DH | | .e30e13. 21 (<u>Пвтех П</u> мте | | |]8270 (SV | 0000 | | |
| | | | | | | | | | | 524.2 (VOC'S) |
| Mversvil | | | | | | | | | s. It should be noted the | |
| <u>2015.</u> | ie munerpait walth | WILL DC AUV | ance w this | section of the town | i anu ine (| JWHEF IS | planning | <u>to nool</u> | <u>k into the system as so</u> | on in March |
| | BMIT SOIL DISPO | SALPECE | IPT | | | | | | | |
| | BMIT TANK DISPO | | | | | | | | | |
| | | | | | | | | | | |



14. (continued)

AMEND REGISTRATION:

Notification form provided to contact person

Owner/Representative informed case file may remain open until notification form is received by MDE Completed on site.

OTHER: ____

| 15. Has inspector completed: site sketch? YES NO site photographs? YES |
|---|
| 16. Were tank(s) labeled? (If YES, describe: <u>Highland Tank STI-P3</u>) XYES NO |
| 17. Is follow-up required by this Administration? |
| 18.COMMENTS: On- site to witness the removal of four underground storage tanks (USTs) Due to equipment problems this UST pull has |
| been rescheduled to December 15, 2014. UST #1 removed no holes or pitting noted. Groundwater under the removed UST shows no signs |
| of a sheen. Tanks 2, 3, & 4 have been removed all STIP-3 tanks. December 16, 2014 the last 8,000-gallon gasohol UST has been removed. |
| No holes noted in any of the removed USTs. Due to heavy rains no further work on the excavatio is to take place. The removed USTs will |
| be prepered for final removal off site. I will returm to the site on 12/17/14. 12/17/14 All tanks removed and impacted soil removal has |
| begun. Soils and gravel located in the southern end of the excavation are being removed stockpiled on plastic to be removed. PID meter |
| redaings are in the thousands. Approx 120 tons of impacted smaterial have been excavates as of noon this date. Two of the removed USTs |
| have been transported off-site. Removal of impacted material continues. 12/18/14 On site the final removal of impacted soils continues. An |
| estimated 530 tons of impacted soils will be removed for proper off-site removal. After completion of impacted soils twelve soil sample are |
| to be taken from the UST excavation bottom and two from each side wall at the half way point. A soil sample will be collected from under |
| each dispense and at approx. every 10 feet in the piping trenchs. |

<u>Robert Hill</u>

Inspector's Name

Signature Inspector

Contact Person's Name (printed)

niun

Contractor's Name (Printed)

Gary E. Richmond Technician/Remover Name (printed) Contact Person's Signature

Contractor's Signature

MDIC-2013-1983(T) Certification Number Contact Person's Telephone No.

Contractor's Telephone No.

9/1/2015 Expiration Date

Modified on 9/19/02012

APPENDIX F

LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION



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

29 December 2014

Michael Robertson Advantage Environmental Consultants, LLC 8610 Baltimore Washington Blvd, Suite 217 Jessup, MD 20794 RE: MYERSVILLE CROWN

Enclosed are the results of analyses for samples received by the laboratory on 12/18/14 16:30.

Maryland Spectral Services, Inc. is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory. Certification status for analytes included in this report will be provided upon request.

Please visit our website at www.mdspectral.com for a complete listing of our NELAP accreditations.

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

Sincerely,

Withente

Will Brewington Staff Chemist

Maryland <u>spectral</u> Services

Analytical Chemistry Services



Analytical Results

Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

| Client Sample ID | Alternate Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|---------------------|---------------|--------|----------------|----------------|
| TANK PIT 1 | | 4121820-01 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 2 | | 4121820-02 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 3 | | 4121820-03 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 4 | | 4121820-04 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 5 | | 4121820-05 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 6 | | 4121820-06 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 7 | | 4121820-07 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 8 | | 4121820-08 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 9 | | 4121820-09 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 10 | | 4121820-10 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 11 | | 4121820-11 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT 12 | | 4121820-12 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT N1 | | 4121820-13 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT N2 | | 4121820-14 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT E1 | | 4121820-15 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT E2 | | 4121820-16 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT S1 | | 4121820-17 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT S2 | | 4121820-18 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT W1 | | 4121820-19 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| TANK PIT W2 | | 4121820-20 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| CANOPY 1 | | 4121820-21 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| CANOPY 2 | | 4121820-22 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| CANOPY 3 | | 4121820-23 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |
| CANOPY 4 | | 4121820-24 | Soil | 12/18/14 00:00 | 12/18/14 16:30 |

Buite

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 1

4121820-01 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-------------------------------|----------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOI |) 8260B | (GC/MS) | | | | | | |
| Acetone | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| tert-Amyl alcohol (TAA) | 73.6 | | ug/kg dry | 57.5 | 57.5 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Benzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Bromobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Bromochloromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Bromodichloromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Bromoform | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Bromomethane | ND | | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| tert-Butanol (TBA) | 96.1 | | ug/kg dry | 57.5 | 57.5 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| n-Butylbenzene | 3.0 | J | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| sec-Butylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| tert-Butylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Carbon disulfide | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Carbon tetrachloride | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Chlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Chloroethane | ND | | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Chloroform | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Chloromethane | ND | | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Dibromochloromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Dibromomethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| | | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 1

4121820-01 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOD |) 8260B (GC/MS) (| (continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Ethylbenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 2-Hexanone | ND | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Methylene chloride | ND | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Naphthalene | 25.5 | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| n-Propylbenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Styrene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Tetrachloroethene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Toluene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Trichloroethene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 1

4121820-01 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|-------------|-----------|-----------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHO | D 8260B (| GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | 48.1 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| 1,3,5-Trimethylbenzene | 24.6 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Vinyl chloride | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| o-Xylene | 5.7 | J | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| m- & p-Xylenes | 5.1 | J | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 13:17 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80 | -120 | 108 % | 12/19/14 | | 12/19/14 13:17 | | |
| Surrogate: Toluene-d8 | | 81 | -117 | 97 % | 12/19/14 | | 12/19/14 13:17 | | |
| Surrogate: 4-Bromofluorobenzene | | 74 | -121 | 93 % | 12/19/14 | | 12/19/14 13:17 | | |
| GASOLINE RANGE ORGANIC | CS BY EPA 5 | 5030/8015 | В | | | | | | |
| Gasoline-Range Organics | 0.59 | | mg/kg dry | 0.11 | 0.11 | 1 | 12/22/14 | 12/22/14 11:35 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85 | -115 | 103 % | 12/22/14 | | 12/22/14 11:35 | | |
| DIESEL RANGE ORGANICS B | Y EPA 3540 | /8015B | | | | | | | |
| Diesel-Range Organics | 31.0 | | mg/kg dry | 9.2 | 9.2 | 1 | 12/18/14 | 12/20/14 06:12 | СМК |
| Surrogate: o-Terphenyl | | 70 | -130 | 108 % | 12/18/14 | | 12/20/14 06:12 | | |
| PERCENT SOLIDS | | | | | | | | | |
| Percent Solids | 87 | | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

Page 5 of 78

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 2

4121820-02 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|-------------|-------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result Note | | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD 82 | 50B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 11.6 | 11.6 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 58.1 | 58.1 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Benzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Bromobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Bromochloromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Bromodichloromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Bromoform | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Bromomethane | ND | ug/kg dry | 5.8 | 5.8 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 58.1 | 58.1 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 11.6 | 11.6 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| n-Butylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Carbon disulfide | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Chlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Chloroethane | ND | ug/kg dry | 5.8 | 5.8 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Chloroform | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Chloromethane | ND | ug/kg dry | 5.8 | 5.8 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Dibromochloromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Dibromomethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| | | | | | | | | |

Buite

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 2

4121820-02 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Ethylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 2-Hexanone | ND | ug/kg dry | 11.6 | 11.6 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 11.6 | 11.6 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Methylene chloride | ND | ug/kg dry | 11.6 | 11.6 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Naphthalene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| n-Propylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Styrene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Tetrachloroethene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Toluene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Trichloroethene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| | | | | | | | | |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 2

4121820-02 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|-------------|-------------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOD | 9 8260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Vinyl chloride | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| o-Xylene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/19/14 | 12/19/14 13:50 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 107 % | 12/19/14 | | 12/19/14 13:50 | | |
| Surrogate: Toluene-d8 | | 81-117 | 99 % | 12/19/14 | | 12/19/14 13:50 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 93 % | 12/19/14 | | 12/19/14 13:50 | | |
| GASOLINE RANGE ORGANICS | S BY EPA 5 | 030/8015B | | | | | | |
| Gasoline-Range Organics | 0.25 | mg/kg dry | 0.12 | 0.12 | 1 | 12/22/14 | 12/22/14 12:11 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 103 % | 12/22/14 | | 12/22/14 12:11 | | |
| DIESEL RANGE ORGANICS BY | (EPA 3540/ | /8015B | | | | | | |
| Diesel-Range Organics | 17.8 | mg/kg dry | 9.3 | 9.3 | 1 | 12/18/14 | 12/20/14 06:39 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 100 % | 12/18/14 | | 12/20/14 06:39 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 86 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 3

4121820-03 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|--------------------------------|-----------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EI | PA METHOI |) 8260B | (GC/MS) | | | | | | |
| Acetone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| tert-Amyl alcohol (TAA) | 109 | | ug/kg dry | 58.8 | 58.8 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Benzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Bromobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Bromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Bromodichloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Bromoform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Bromomethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| tert-Butanol (TBA) | 288 | | ug/kg dry | 58.8 | 58.8 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 2-Butanone (MEK) | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| n-Butylbenzene | 49.6 | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| sec-Butylbenzene | 54.6 | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| tert-Butylbenzene | 4.0 | J | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Carbon disulfide | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Carbon tetrachloride | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Chlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Chloroethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Chloroform | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Chloromethane | ND | | ug/kg dry | 5.9 | 5.9 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 2-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 4-Chlorotoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Dibromochloromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Dibromomethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Dichlorodifluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,1-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2-Dichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,1-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| cis-1.2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 3

4121820-03 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|-------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOD | 8260B | (GC/MS) (| continued) | | | | | |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Ethylbenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 2-Hexanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Methylene chloride | ND | | ug/kg dry | 11.8 | 11.8 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Naphthalene | 15.1 | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| n-Propylbenzene | 4.5 | J | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Styrene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Toluene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Trichloroethene | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| 1,2,4-Trimethylbenzene | 12.6 | | ug/kg dry | 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 3

4121820-03 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|---------------|-----------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Unit | s Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B (GC/M | [S) (continued) | | | | | |
| 1,3,5-Trimethylbenzene | 6.1 | ug/kg | dry 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Vinyl chloride | ND | ug/kg | dry 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| o-Xylene | 3.0 | J ug/kg | dry 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| m- & p-Xylenes | 4.1 | J ug/kg | dry 5.9 | 2.4 | 1 | 12/19/14 | 12/19/14 14:24 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 87 % | 12/19/14 | | 12/19/14 14:24 | | |
| Surrogate: Toluene-d8 | | 81-117 | 106 % | 12/19/14 | | 12/19/14 14:24 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 113 % | 12/19/14 | | 12/19/14 14:24 | | |
| GASOLINE RANGE ORGANICS | BY EPA : | 5030/8015B | | | | | | |
| Gasoline-Range Organics | 9.04 | mg/kg | dry 0.59 | 0.59 | 5 | 12/22/14 | 12/22/14 13:26 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 107 % | 12/22/14 | | 12/22/14 13:26 | | |
| DIESEL RANGE ORGANICS BY | EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | 40.0 | mg/kg | dry 9.4 | 9.4 | 1 | 12/18/14 | 12/20/14 07:06 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 91 % | 12/18/14 | | 12/20/14 07:06 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 85 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 4

4121820-04 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|--------------------------------|----------|---------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD | 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 11.4 | 11.4 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| tert-Amyl alcohol (TAA) | 121 | ug/kg dry | 56.8 | 56.8 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Benzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Bromobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Bromochloromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Bromodichloromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Bromoform | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Bromomethane | ND | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| tert-Butanol (TBA) | 242 | ug/kg dry | 56.8 | 56.8 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 11.4 | 11.4 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| n-Butylbenzene | 27.2 | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| sec-Butylbenzene | 18.4 | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Carbon disulfide | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Chlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Chloroethane | ND | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Chloroform | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Chloromethane | ND | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Dibromochloromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Dibromomethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| , | | | | | | | | |

Buite

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 4

4121820-04 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B | (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Ethylbenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 2-Hexanone | ND | | ug/kg dry | 11.4 | 11.4 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.4 | 11.4 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Methylene chloride | ND | | ug/kg dry | 11.4 | 11.4 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Naphthalene | 19.8 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| n-Propylbenzene | 4.5 | J | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Styrene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Toluene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Trichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| | | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 4

4121820-04 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|------------|---------|-------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260E | 6 (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | 7.8 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| 1,3,5-Trimethylbenzene | 3.9 | J | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Vinyl chloride | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| o-Xylene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| m- & p-Xylenes | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 14:57 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | | 80-120 | 92 % | 12/19/14 | | 12/19/14 14:57 | | |
| Surrogate: Toluene-d8 | | | 81-117 | 102 % | 12/19/14 | | 12/19/14 14:57 | | |
| Surrogate: 4-Bromofluorobenzene | | | 74-121 | 101 % | 12/19/14 | | 12/19/14 14:57 | | |
| GASOLINE RANGE ORGANICS | S BY EPA 5 | 5030/80 | 15B | | | | | | |
| Gasoline-Range Organics | 3.49 | | mg/kg dry | 0.57 | 0.57 | 5 | 12/22/14 | 12/22/14 14:03 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | | 85-115 | 103 % | 12/22/14 | | 12/22/14 14:03 | | |
| DIESEL RANGE ORGANICS BY | 7 EPA 3540 | /8015B | | | | | | | |
| Diesel-Range Organics | 213 | | mg/kg dry | 18.2 | 18.2 | 2 | 12/18/14 | 12/20/14 07:33 | СМК |
| Surrogate: o-Terphenyl | | | 70-130 | 95 % | 12/18/14 | | 12/20/14 07:33 | | |
| PERCENT SOLIDS | | | | | | | | | |
| Percent Solids | 88 | | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 5

4121820-05 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-------------------------------|--------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B | (GC/MS) | | | | | | |
| Acetone | 25.5 | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| tert-Amyl alcohol (TAA) | 209 | | ug/kg dry | 61.0 | 61.0 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Benzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Bromobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Bromochloromethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Bromodichloromethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Bromoform | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Bromomethane | ND | | ug/kg dry | 6.1 | 6.1 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| tert-Butanol (TBA) | 302 | | ug/kg dry | 61.0 | 61.0 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 2-Butanone (MEK) | ND | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| n-Butylbenzene | 96.0 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| sec-Butylbenzene | 61.3 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| tert-Butylbenzene | 2.6 | J | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Carbon disulfide | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Carbon tetrachloride | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Chlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Chloroethane | ND | | ug/kg dry | 6.1 | 6.1 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Chloroform | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Chloromethane | ND | | ug/kg dry | 6.1 | 6.1 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 2-Chlorotoluene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 4-Chlorotoluene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Dibromochloromethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Dibromomethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Dichlorodifluoromethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,1-Dichloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2-Dichloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,1-Dichloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 5

4121820-05 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA N | METHO | D 8260B | (GC/MS) (| continued) | | | | | |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Ethylbenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 2-Hexanone | ND | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 4-Isopropyltoluene | 4.7 | J | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Methylene chloride | ND | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Naphthalene | 24.0 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| n-Propylbenzene | 7.3 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Styrene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Toluene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Trichloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,2,4-Trimethylbenzene | 7.5 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| 1,3,5-Trimethylbenzene | 4.5 | J | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 5

4121820-05 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|---------|----------------|----------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA M | 1ETHOI | D 8260B (GC/MS | S) (continued) | | | | | |
| Vinyl chloride | ND | ug/kg di | ry 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| o-Xylene | ND | ug/kg di | ту 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| m- & p-Xylenes | ND | ug/kg di | ту 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 15:30 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 86 % | 12/19/14 | | 12/19/14 15:30 | | |
| Surrogate: Toluene-d8 | | 81-117 | 105 % | 12/19/14 | | 12/19/14 15:30 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 106 % | 12/19/14 | | 12/19/14 15:30 | | |
| GASOLINE RANGE ORGANICS B | Y EPA 5 | 5030/8015B | | | | | | |
| Gasoline-Range Organics | 19.8 | mg/kg d | ry 0.61 | 0.61 | 5 | 12/22/14 | 12/22/14 21:21 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 120 % | 12/22/14 | | 12/22/14 21:21 | | S-07 |
| DIESEL RANGE ORGANICS BY E | PA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | 370 | mg/kg d | ry 29.3 | 29.3 | 3 | 12/18/14 | 12/20/14 08:01 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 119 % | 12/18/14 | | 12/20/14 08:01 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 82 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 6

4121820-06 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|--------------------------------|-----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EF | PA METHOI | D 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 1600 | 1600 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 8010 | 8010 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Benzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Bromobenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Bromochloromethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Bromodichloromethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Bromoform | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Bromomethane | ND | ug/kg dry | 801 | 801 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| tert-Butanol (TBA) | ND | ug/kg dry | 8010 | 8010 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 2-Butanone (MEK) | ND | ug/kg dry | 1600 | 1600 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| n-Butylbenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| sec-Butylbenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| tert-Butylbenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Carbon disulfide | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Carbon tetrachloride | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Chlorobenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Chloroethane | ND | ug/kg dry | 801 | 801 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Chloroform | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Chloromethane | ND | ug/kg dry | 801 | 801 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 2-Chlorotoluene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 4-Chlorotoluene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Dibromochloromethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Dibromomethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Dichlorodifluoromethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,1-Dichloroethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2-Dichloroethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,1-Dichloroethene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| | | | | | | | | |

Buite

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 6

4121820-06 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOD |) 8260B (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Dichlorofluoromethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2-Dichloropropane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,3-Dichloropropane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 2,2-Dichloropropane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,1-Dichloropropene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Ethylbenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Hexachlorobutadiene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 2-Hexanone | ND | ug/kg dry | 1600 | 1600 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 4-Isopropyltoluene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 1600 | 1600 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Methylene chloride | ND | ug/kg dry | 1600 | 1600 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Naphthalene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| n-Propylbenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Styrene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Tetrachloroethene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Toluene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Trichloroethene | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| | | | | | | | | |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 6

4121820-06 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|---------------|-----------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Uni | ts Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA M | летноі | D 8260B (GC/N | IS) (continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg | dry 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| 1,3,5-Trimethylbenzene | ND | ug/kg | dry 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Vinyl chloride | ND | ug/kg | dry 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| o-Xylene | ND | ug/kg | dry 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| m- & p-Xylenes | ND | ug/kg | dry 801 | 321 | 125 | 12/26/14 | 12/26/14 20:33 | ECM |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 93 % | 12/26/14 | | 12/26/14 20:33 | | |
| Surrogate: Toluene-d8 | | 81-117 | 97 % | 12/26/14 | | 12/26/14 20:33 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 97 % | 12/26/14 | | 12/26/14 20:33 | | |
| GASOLINE RANGE ORGANICS E | BY EPA 5 | 5030/8015B | | | | | | |
| Gasoline-Range Organics | 81.9 | mg/kg | dry 16.0 | 16.0 | 125 | 12/24/14 | 12/24/14 21:18 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 96 % | 12/24/14 | | 12/24/14 21:18 | | |
| DIESEL RANGE ORGANICS BY E | EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | 1140 | mg/kg | dry 103 | 103 | 10 | 12/18/14 | 12/20/14 08:28 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 115 % | 12/18/14 | | 12/20/14 08:28 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 78 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 7

4121820-07 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|----------|---------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result 1 | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD | 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 61.0 | 61.0 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 305 | 305 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Benzene | 32.9 | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Bromobenzene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Bromochloromethane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Bromodichloromethane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Bromoform | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Bromomethane | ND | ug/kg dry | 30.5 | 30.5 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| tert-Butanol (TBA) | 329 | ug/kg dry | 305 | 305 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 61.0 | 61.0 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| n-Butylbenzene | 55.8 | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Carbon disulfide | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Chlorobenzene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Chloroethane | ND | ug/kg dry | 30.5 | 30.5 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Chloroform | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Chloromethane | ND | ug/kg dry | 30.5 | 30.5 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Dibromochloromethane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Dibromomethane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| , | | | | | | | | |

Buite

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 7

4121820-07 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOI |) 8260B | (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Diisopropyl ether (DIPE) | 21.3 | J | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Ethylbenzene | 50.5 | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 2-Hexanone | ND | | ug/kg dry | 61.0 | 61.0 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Isopropylbenzene (Cumene) | 12.4 | J | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 4-Isopropyltoluene | 16.5 | J | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Methyl tert-butyl ether (MTBE) | 14.1 | J | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 61.0 | 61.0 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Methylene chloride | ND | | ug/kg dry | 61.0 | 61.0 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Naphthalene | 298 | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| n-Propylbenzene | 27.7 | J | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Styrene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Toluene | 38.3 | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Trichloroethene | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| 1,2,4-Trimethylbenzene | 1160 | | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 7

4121820-07 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|-------------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EF | PA METHO | D 8260B (GC/MS) | (continued) | | | | | |
| 1,3,5-Trimethylbenzene | 406 | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Vinyl chloride | ND | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| o-Xylene | 209 | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| m- & p-Xylenes | 443 | ug/kg dry | 30.5 | 12.2 | 5 | 12/22/14 | 12/22/14 18:52 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 99 % | 12/22/14 | | 12/22/14 18:52 | | |
| Surrogate: Toluene-d8 | | 81-117 | 100 % | 12/22/14 | | 12/22/14 18:52 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 104 % | 12/22/14 | | 12/22/14 18:52 | | |
| GASOLINE RANGE ORGANIC | CS BY EPA : | 5030/8015B | | | | | | |
| Gasoline-Range Organics | 10.5 | mg/kg dry | 0.61 | 0.61 | 5 | 12/22/14 | 12/22/14 15:16 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 111 % | 12/22/14 | | 12/22/14 15:16 | | |
| DIESEL RANGE ORGANICS E | BY EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | 60.8 | mg/kg dry | 9.8 | 9.8 | 1 | 12/18/14 | 12/20/14 08:55 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 93 % | 12/18/14 | | 12/20/14 08:55 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 82 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 8

4121820-08 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|-----------|---------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EF | PA METHOD | 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 57.5 | 57.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 287 | 287 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Benzene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Bromobenzene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Bromochloromethane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Bromodichloromethane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Bromoform | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Bromomethane | ND | ug/kg dry | 28.7 | 28.7 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| tert-Butanol (TBA) | 521 | ug/kg dry | 287 | 287 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 57.5 | 57.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| n-Butylbenzene | 270 | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| sec-Butylbenzene | 93.9 | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Carbon disulfide | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Chlorobenzene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Chloroethane | ND | ug/kg dry | 28.7 | 28.7 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Chloroform | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Chloromethane | ND | ug/kg dry | 28.7 | 28.7 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Dibromochloromethane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Dibromomethane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| | | | | | | | | |

Bunto

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 8

4121820-08 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B | (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Ethylbenzene | 17.9 | J | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 2-Hexanone | ND | | ug/kg dry | 57.5 | 57.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Isopropylbenzene (Cumene) | 27.4 | J | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 4-Isopropyltoluene | 35.2 | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 57.5 | 57.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Methylene chloride | ND | | ug/kg dry | 57.5 | 57.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Naphthalene | 459 | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| n-Propylbenzene | 118 | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Styrene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Toluene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Trichloroethene | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| 1,2,4-Trimethylbenzene | 912 | | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 8

4121820-08 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|-------------|-------------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EF | PA METHOI | D 8260B (GC/MS) (| continued) | | | | | |
| 1,3,5-Trimethylbenzene | 256 | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Vinyl chloride | ND | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| o-Xylene | 38.1 | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| m- & p-Xylenes | 76.9 | ug/kg dry | 28.7 | 11.5 | 5 | 12/22/14 | 12/22/14 19:25 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 97 % | 12/22/14 | | 12/22/14 19:25 | | |
| Surrogate: Toluene-d8 | | 81-117 | 100 % | 12/22/14 | | 12/22/14 19:25 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 106 % | 12/22/14 | | 12/22/14 19:25 | | |
| GASOLINE RANGE ORGANI | CS BY EPA 5 | 5030/8015B | | | | | | |
| Gasoline-Range Organics | 19.2 | mg/kg dry | 0.57 | 0.57 | 5 | 12/23/14 | 12/23/14 12:24 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 113 % | 12/23/14 | | 12/23/14 12:24 | | |
| DIESEL RANGE ORGANICS H | BY EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | 72.9 | mg/kg dry | 9.2 | 9.2 | 1 | 12/18/14 | 12/20/14 09:22 | CMK |
| Surrogate: o-Terphenyl | | 70-130 | 100 % | 12/18/14 | | 12/20/14 09:22 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 87 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 9

4121820-09 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|--------------------------------|-------------|--------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result N | otes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EF | PA METHOD 8 | 260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 1440 | 1440 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 7180 | 7180 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Benzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Bromobenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Bromochloromethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Bromodichloromethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Bromoform | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Bromomethane | ND | ug/kg dry | 718 | 718 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| tert-Butanol (TBA) | ND | ug/kg dry | 7180 | 7180 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 2-Butanone (MEK) | ND | ug/kg dry | 1440 | 1440 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| n-Butylbenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| sec-Butylbenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| tert-Butylbenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Carbon disulfide | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Carbon tetrachloride | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Chlorobenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Chloroethane | ND | ug/kg dry | 718 | 718 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Chloroform | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Chloromethane | ND | ug/kg dry | 718 | 718 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 2-Chlorotoluene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 4-Chlorotoluene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Dibromochloromethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Dibromomethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Dichlorodifluoromethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,1-Dichloroethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2-Dichloroethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,1-Dichloroethene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 9

4121820-09 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B (GC/MS) | (continued) | | | • | - | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Dichlorofluoromethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2-Dichloropropane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,3-Dichloropropane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 2,2-Dichloropropane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,1-Dichloropropene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Ethylbenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Hexachlorobutadiene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 2-Hexanone | ND | ug/kg dry | 1440 | 1440 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 4-Isopropyltoluene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 1440 | 1440 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Methylene chloride | ND | ug/kg dry | 1440 | 1440 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Naphthalene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| n-Propylbenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Styrene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Tetrachloroethene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Toluene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Trichloroethene | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| | | | | | | | | |

Buites

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 9

4121820-09 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|-------------|-----------|-----------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOI |) 8260B (| GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | 361 | J | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Vinyl chloride | ND | | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| o-Xylene | ND | | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| m- & p-Xylenes | ND | | ug/kg dry | 718 | 287 | 125 | 12/26/14 | 12/26/14 21:06 | ECM |
| Surrogate: 1,2-Dichloroethane-d4 | | 80 | 0-120 | 93 % | 12/26/14 | | 12/26/14 21:06 | | |
| Surrogate: Toluene-d8 | | 81 | -117 | 98 % | 12/26/14 | | 12/26/14 21:06 | | |
| Surrogate: 4-Bromofluorobenzene | | 74 | 4-121 | 95 % | 12/26/14 | | 12/26/14 21:06 | | |
| GASOLINE RANGE ORGANIC | CS BY EPA 5 | 5030/8015 | B | | | | | | |
| Gasoline-Range Organics | 26.0 | | mg/kg dry | 14.4 | 14.4 | 125 | 12/24/14 | 12/24/14 21:56 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85 | 5-115 | 94 % | 12/24/14 | | 12/24/14 21:56 | | |
| DIESEL RANGE ORGANICS B | Y EPA 3540 | /8015B | | | | | | | |
| Diesel-Range Organics | 98.3 | | mg/kg dry | 9.2 | 9.2 | 1 | 12/18/14 | 12/20/14 09:49 | СМК |
| Surrogate: o-Terphenyl | | 70 | 0-130 | 102 % | 12/18/14 | | 12/20/14 09:49 | | |
| PERCENT SOLIDS | | | | | | | | | |
| Percent Solids | 87 | | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 10

4121820-10 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|--------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA MI | ETHOI | D 8260B (GC/MS) | | | | | | |
| Acetone | 30.5 | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| tert-Amyl alcohol (TAA) | 215 | ug/kg dry | 57.5 | 57.5 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Benzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Bromobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Bromochloromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Bromodichloromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Bromoform | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Bromomethane | ND | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| tert-Butanol (TBA) | 350 | ug/kg dry | 57.5 | 57.5 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| n-Butylbenzene | 118 | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| sec-Butylbenzene | 58.9 | ug/kg dry | | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Carbon disulfide | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Chlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Chloroethane | ND | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Chloroform | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Chloromethane | ND | ug/kg dry | 5.7 | 5.7 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Dibromochloromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Dibromomethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 10

4121820-10 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO |) 8260B | (GC/MS) (| continued) | | | | | |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Ethylbenzene | 10.1 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 2-Hexanone | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Isopropylbenzene (Cumene) | 16.7 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 4-Isopropyltoluene | 10.7 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Methylene chloride | ND | | ug/kg dry | 11.5 | 11.5 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Naphthalene | 60.4 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| n-Propylbenzene | 63.5 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Styrene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Toluene | 4.9 | J | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Trichloroethene | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,2,4-Trimethylbenzene | 87.3 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| 1,3,5-Trimethylbenzene | 34.3 | | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| | | | | | | | | | |

Buites

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Maryland <u>spectral</u> Services

Analytical Chemistry Services



Analytical Results

Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 10

4121820-10 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|---------------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| A 17 | D L | NI / II / | | | D'1 (' | | | |
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA M | IETHOD | 8260B (GC/MS) (| continued) | | | | | |
| Vinyl chloride | ND | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| o-Xylene | 10.7 | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| m- & p-Xylenes | 21.8 | ug/kg dry | 5.7 | 2.3 | 1 | 12/19/14 | 12/19/14 17:11 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 109 % | 12/19/14 | | 12/19/14 17:11 | | |
| Surrogate: Toluene-d8 | | 81-117 | 107 % | 12/19/14 | | 12/19/14 17:11 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 108 % | 12/19/14 | | 12/19/14 17:11 | | |
| GASOLINE RANGE ORGANICS B | BY EPA 50 |)30/8015B | | | | | | |
| Gasoline-Range Organics | 13.4 | mg/kg dry | 0.57 | 0.57 | 5 | 12/23/14 | 12/23/14 13:00 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 112 % | 12/23/14 | | 12/23/14 13:00 | | |
| DIESEL RANGE ORGANICS BY E | CPA 3540/3 | 8015B | | | | | | |
| Diesel-Range Organics | 149 | mg/kg dry | 9.2 | 9.2 | 1 | 12/18/14 | 12/20/14 10:16 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 102 % | 12/18/14 | | 12/20/14 10:16 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 87 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

Page 32 of 78

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 11

4121820-11 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-------------------------------|--------------|------------|----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA M | IETHO | D 8260B (G | C/MS) | | | | | | |
| Acetone | 33.4 | uş | g/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| tert-Amyl alcohol (TAA) | 278 | | g/kg dry | 61.0 | 61.0 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| tert-Amyl methyl ether (TAME) | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Benzene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Bromobenzene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Bromochloromethane | ND | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Bromodichloromethane | ND | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Bromoform | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Bromomethane | ND | uş | g/kg dry | 6.1 | 6.1 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| tert-Butanol (TBA) | 488 | ug | g/kg dry | 61.0 | 61.0 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 2-Butanone (MEK) | ND | u | g/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| n-Butylbenzene | 97.5 | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| sec-Butylbenzene | 49.1 | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| tert-Butylbenzene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Carbon disulfide | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Carbon tetrachloride | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Chlorobenzene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Chloroethane | ND | uş | g/kg dry | 6.1 | 6.1 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Chloroform | ND | u | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Chloromethane | ND | ug | g/kg dry | 6.1 | 6.1 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 2-Chlorotoluene | ND | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 4-Chlorotoluene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Dibromochloromethane | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Dibromomethane | ND | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2-Dichlorobenzene | ND | ug | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,3-Dichlorobenzene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,4-Dichlorobenzene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Dichlorodifluoromethane | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,1-Dichloroethane | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2-Dichloroethane | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,1-Dichloroethene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| cis-1,2-Dichloroethene | ND | uş | g/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |

Buite

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 11

4121820-11 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B | (GC/MS) (| continued) | | | | | |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Ethylbenzene | 14.4 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 2-Hexanone | ND | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Isopropylbenzene (Cumene) | 19.0 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 4-Isopropyltoluene | 10.0 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Methyl tert-butyl ether (MTBE) | 5.1 | J | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Methylene chloride | ND | | ug/kg dry | 12.2 | 12.2 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Naphthalene | 66.8 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| n-Propylbenzene | 66.0 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Styrene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Toluene | 5.4 | J | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Trichloroethene | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,2,4-Trimethylbenzene | 56.7 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| 1,3,5-Trimethylbenzene | 25.8 | | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| | | | | | | | | | |

Buites

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

Maryland <u>spectral</u> Services

Analytical Chemistry Services



Analytical Results

Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 11

4121820-11 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-------------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | летног |) 8260B (GC/MS) (| continued) | | | | | |
| Vinyl chloride | ND | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| o-Xylene | 9.2 | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| m- & p-Xylenes | 17.6 | ug/kg dry | 6.1 | 2.4 | 1 | 12/19/14 | 12/19/14 17:44 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 112 % | 12/19/14 | | 12/19/14 17:44 | | |
| Surrogate: Toluene-d8 | | 81-117 | 107 % | 12/19/14 | | 12/19/14 17:44 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 106 % | 12/19/14 | | 12/19/14 17:44 | | |
| GASOLINE RANGE ORGANICS E | BY EPA 5 | 5030/8015B | | | | | | |
| Gasoline-Range Organics | 15.6 | mg/kg dry | 0.61 | 0.61 | 5 | 12/23/14 | 12/23/14 13:37 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 116 % | 12/23/14 | | 12/23/14 13:37 | | S-07 |
| DIESEL RANGE ORGANICS BY H | EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | 169 | mg/kg dry | 9.8 | 9.8 | 1 | 12/18/14 | 12/20/14 10:44 | CMK |
| Surrogate: o-Terphenyl | | 70-130 | 103 % | 12/18/14 | | 12/20/14 10:44 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 82 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Will Brewington, Staff Chemist

Buites

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.

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 12

4121820-12 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|-------------|-------------|-------------|--------------|----------|----------|----------------|----------|
| Analyte | Result Not | es Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP. | A METHOD 82 | 60B (GC/MS) | . , | | | 1 | | <u>_</u> |
| Acetone | 73.6 | ug/kg dry | 61.7 | 61.7 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 309 | 309 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Benzene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Bromobenzene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Bromochloromethane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Bromodichloromethane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Bromoform | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Bromomethane | ND | ug/kg dry | 30.9 | 30.9 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| tert-Butanol (TBA) | 414 | ug/kg dry | 309 | 309 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 61.7 | 61.7 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| n-Butylbenzene | 424 | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| sec-Butylbenzene | 202 | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Carbon disulfide | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Chlorobenzene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Chloroethane | ND | ug/kg dry | 30.9 | 30.9 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Chloroform | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Chloromethane | ND | ug/kg dry | 30.9 | 30.9 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Dibromochloromethane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Dibromomethane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 12

4121820-12 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|------------|----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B (G | C/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| trans-1,2-Dichloroethene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Dichlorofluoromethane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2-Dichloropropane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,3-Dichloropropane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 2,2-Dichloropropane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,1-Dichloropropene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| cis-1,3-Dichloropropene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| trans-1,3-Dichloropropene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Diisopropyl ether (DIPE) | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Ethylbenzene | 44.2 | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Hexachlorobutadiene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 2-Hexanone | ND | u | g/kg dry | 61.7 | 61.7 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Isopropylbenzene (Cumene) | 70.9 | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 4-Isopropyltoluene | 36.7 | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Methyl tert-butyl ether (MTBE) | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 4-Methyl-2-pentanone | ND | u | g/kg dry | 61.7 | 61.7 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Methylene chloride | ND | u | g/kg dry | 61.7 | 61.7 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Naphthalene | 157 | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| n-Propylbenzene | 274 | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Styrene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,1,1,2-Tetrachloroethane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,1,2,2-Tetrachloroethane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Tetrachloroethene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Toluene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2,3-Trichlorobenzene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2,4-Trichlorobenzene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,1,1-Trichloroethane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,1,2-Trichloroethane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Trichloroethene | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Trichlorofluoromethane (Freon 11) | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2,3-Trichloropropane | ND | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| 1,2,4-Trimethylbenzene | 117 | u | g/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT 12

4121820-12 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|---------|---------|-------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | метно | D 82601 | B (GC/MS) (| continued) | | | | | |
| 1,3,5-Trimethylbenzene | 58.8 | | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Vinyl chloride | ND | | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| o-Xylene | 15.4 | | J ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| m- & p-Xylenes | 33.0 | | ug/kg dry | 30.9 | 12.3 | 5 | 12/22/14 | 12/22/14 18:18 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | | 80-120 | 115 % | 12/22/14 | | 12/22/14 18:18 | | |
| Surrogate: Toluene-d8 | | | 81-117 | 102 % | 12/22/14 | | 12/22/14 18:18 | | |
| Surrogate: 4-Bromofluorobenzene | | | 74-121 | 100 % | 12/22/14 | | 12/22/14 18:18 | | |
| GASOLINE RANGE ORGANICS | BY EPA | 5030/80 |)15B | | | | | | |
| Gasoline-Range Organics | 25.6 | | mg/kg dry | 0.62 | 0.62 | 5 | 12/22/14 | 12/22/14 17:42 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | | 85-115 | 137 % | 12/22/14 | | 12/22/14 17:42 | | S-07 |
| DIESEL RANGE ORGANICS BY | EPA 354 | 0/8015E | 3 | | | | | | |
| Diesel-Range Organics | 202 | | mg/kg dry | 9.9 | 9.9 | 1 | 12/18/14 | 12/20/14 11:11 | CMK |
| Surrogate: o-Terphenyl | | | 70-130 | 113 % | 12/18/14 | | 12/20/14 11:11 | | |
| PERCENT SOLIDS | | | | | | | | | |
| Percent Solids | 81 | | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT N1

4121820-13 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOL |) 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 13.3 | 13.3 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 66.7 | 66.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Benzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Bromobenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Bromoform | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Bromomethane | ND | ug/kg dry | 6.7 | 6.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| tert-Butanol (TBA) | 69.6 | ug/kg dry | 66.7 | 66.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 13.3 | 13.3 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Chloroethane | ND | ug/kg dry | 6.7 | 6.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Chloroform | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Chloromethane | ND | ug/kg dry | 6.7 | 6.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Dibromomethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| | | | | | | | | |

Buite

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT N1

4121820-13 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | а метног |) 8260B (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 2-Hexanone | ND | ug/kg dry | 13.3 | 13.3 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 13.3 | 13.3 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Methylene chloride | ND | ug/kg dry | 13.3 | 13.3 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Naphthalene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Styrene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Toluene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Trichloroethene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT N1

4121820-13 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | D 1 | | |
|-----------------------------------|--------------|-------------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EF | PA METHOD | 9 8260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| o-Xylene | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.7 | 2.7 | 1 | 12/19/14 | 12/19/14 18:50 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 93 % | 12/19/14 | | 12/19/14 18:50 | | |
| Surrogate: Toluene-d8 | | 81-117 | 102 % | 12/19/14 | | 12/19/14 18:50 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 96 % | 12/19/14 | | 12/19/14 18:50 | | |
| GASOLINE RANGE ORGANIC | CS BY EPA 5 | 030/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.13 | 0.13 | 1 | 12/22/14 | 12/22/14 18:19 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 102 % | 12/22/14 | | 12/22/14 18:19 | | |
| DIESEL RANGE ORGANICS E | BY EPA 3540/ | /8015B | | | | | | |
| Diesel-Range Organics | ND | mg/kg dry | 10.7 | 10.7 | 1 | 12/18/14 | 12/20/14 11:38 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 105 % | 12/18/14 | | 12/20/14 11:38 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 75 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT N2

4121820-14 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|----------|---------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD | 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 11.6 | 11.6 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 58.1 | 58.1 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Benzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Bromobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Bromochloromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Bromodichloromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Bromoform | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Bromomethane | ND | ug/kg dry | 5.8 | 5.8 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 58.1 | 58.1 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 11.6 | 11.6 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| n-Butylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Carbon disulfide | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Chlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Chloroethane | ND | ug/kg dry | 5.8 | 5.8 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Chloroform | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Chloromethane | ND | ug/kg dry | 5.8 | 5.8 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Dibromochloromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Dibromomethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| | | | | | | | | |

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT N2

4121820-14 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B | (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| trans-1,2-Dichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Dichlorofluoromethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,3-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 2,2-Dichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,1-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| cis-1,3-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| trans-1,3-Dichloropropene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Diisopropyl ether (DIPE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Ethylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Hexachlorobutadiene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 2-Hexanone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Isopropylbenzene (Cumene) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 4-Isopropyltoluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 4-Methyl-2-pentanone | ND | | ug/kg dry | 11.6 | 11.6 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Methylene chloride | 14.8 | L | ug/kg dry | 11.6 | 11.6 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Naphthalene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| n-Propylbenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Styrene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Tetrachloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Toluene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,1,1-Trichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,1,2-Trichloroethane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Trichloroethene | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Trichlorofluoromethane (Freon 11) | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,2,3-Trichloropropane | ND | | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| | | | | | | | | | |

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT N2

4121820-14 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------------------|----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result No | otes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD 82 | 260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Vinyl chloride | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| o-Xylene | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 5.8 | 2.3 | 1 | 12/26/14 | 12/26/14 18:28 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 120 % | 12/26/14 | | 12/26/14 18:28 | | |
| Surrogate: Toluene-d8 | | 81-117 | 96 % | 12/26/14 | | 12/26/14 18:28 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 84 % | 12/26/14 | | 12/26/14 18:28 | | |
| GASOLINE RANGE ORGANIC | S BY EPA 503 | 0/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.12 | 0.12 | 1 | 12/26/14 | 12/26/14 17:03 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 91 % | 12/26/14 | | 12/26/14 17:03 | | |
| DIESEL RANGE ORGANICS B | <u>Y EPA 3540/80</u> | 15B | | | | | | |
| Diesel-Range Organics | 22.1 | mg/kg dry | 9.3 | 9.3 | 1 | 12/18/14 | 12/20/14 12:05 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 99 % | 12/18/14 | | 12/20/14 12:05 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 86 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buit

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT E1

4121820-15 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|--------------|-------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result Note | es Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOD 820 | 50B (GC/MS) | | | | | | |
| Acetone | 39.6 | ug/kg dry | 13.0 | 13.0 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| tert-Amyl alcohol (TAA) | 510 | ug/kg dry | 64.9 | 64.9 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Benzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Bromobenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Bromoform | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Bromomethane | ND | ug/kg dry | 6.5 | 6.5 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| tert-Butanol (TBA) | 917 | ug/kg dry | 64.9 | 64.9 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 13.0 | 13.0 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Chloroethane | ND | ug/kg dry | 6.5 | 6.5 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Chloroform | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Chloromethane | ND | ug/kg dry | 6.5 | 6.5 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Dibromomethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1.1-Dichloroethene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| .,. 2.0 | 112 | | 0.5 | 2.0 | | | | |

Buite

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT E1

4121820-15 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|-------------|---------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result Not | es Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOD 82 | 60B (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 2-Hexanone | ND | ug/kg dry | 13.0 | 13.0 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 13.0 | 13.0 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Methylene chloride | ND | ug/kg dry | 13.0 | 13.0 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Naphthalene | 4.5 | J ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Styrene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Toluene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Trichloroethene | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT E1

4121820-15 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|----------|-----------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B | (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| 1,3,5-Trimethylbenzene | 4.7 | J | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Vinyl chloride | ND | | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| o-Xylene | 4.4 | J | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| m- & p-Xylenes | 2.8 | J | ug/kg dry | 6.5 | 2.6 | 1 | 12/19/14 | 12/19/14 19:24 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | | 80-120 | 92 % | 12/19/14 | | 12/19/14 19:24 | | |
| Surrogate: Toluene-d8 | | | 81-117 | 102 % | 12/19/14 | | 12/19/14 19:24 | | |
| Surrogate: 4-Bromofluorobenzene | | | 74-121 | 98 % | 12/19/14 | | 12/19/14 19:24 | | |
| GASOLINE RANGE ORGANICS | BY EPA : | 5030/801 | 5B | | | | | | |
| Gasoline-Range Organics | 0.35 | | mg/kg dry | 0.13 | 0.13 | 1 | 12/22/14 | 12/22/14 18:55 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | | 85-115 | 103 % | 12/22/14 | | 12/22/14 18:55 | | |
| DIESEL RANGE ORGANICS BY | EPA 354(|)/8015B | | | | | | | |
| Diesel-Range Organics | 21.9 | | mg/kg dry | 10.4 | 10.4 | 1 | 12/18/14 | 12/20/14 12:32 | СМК |
| Surrogate: o-Terphenyl | | | 70-130 | 99 % | 12/18/14 | | 12/20/14 12:32 | | |
| PERCENT SOLIDS | | | | | | | | | |
| Percent Solids | 77 | | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

Page 47 of 78

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT E2

4121820-16 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|-------------|-------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result Not | es Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD 82 | 60B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 11.9 | 11.9 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 59.5 | 59.5 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Benzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Bromobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Bromoform | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Bromomethane | ND | ug/kg dry | 6.0 | 6.0 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 59.5 | 59.5 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 11.9 | 11.9 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Chloroethane | ND | ug/kg dry | 6.0 | 6.0 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Chloroform | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Chloromethane | ND | ug/kg dry | 6.0 | 6.0 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Dibromomethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| | | | | | | | | |

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT E2

4121820-16 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | А МЕТНОГ |) 8260B (GC/MS) | (continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 2-Hexanone | ND | ug/kg dry | 11.9 | 11.9 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 11.9 | 11.9 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Methylene chloride | ND | ug/kg dry | 11.9 | 11.9 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Naphthalene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Styrene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Toluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Trichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| | | | | | | | | |

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT E2

4121820-16 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|-----------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOD | 8260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| o-Xylene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/19/14 | 12/19/14 19:57 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 91 % | 12/19/14 | | 12/19/14 19:57 | | |
| Surrogate: Toluene-d8 | | 81-117 | 104 % | 12/19/14 | | 12/19/14 19:57 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 95 % | 12/19/14 | | 12/19/14 19:57 | | |
| GASOLINE RANGE ORGANICS | BY EPA 5 | 030/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.12 | 0.12 | 1 | 12/22/14 | 12/22/14 19:32 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 103 % | 12/22/14 | | 12/22/14 19:32 | | |
| DIESEL RANGE ORGANICS BY | EPA 3540/ | /8015B | | | | | | |
| Diesel-Range Organics | ND | mg/kg dry | 9.5 | 9.5 | 1 | 12/18/14 | 12/20/14 13:00 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 95 % | 12/18/14 | | 12/20/14 13:00 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 84 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT S1

4121820-17 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD |) 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 62.5 | 62.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Benzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Bromobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Bromoform | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Bromomethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 62.5 | 62.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Chloroethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Chloroform | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Chloromethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Dibromomethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| | | | | | | | | |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT S1

4121820-17 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|-----------------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | А МЕТНОІ |) 8260B (GC/MS) (| continued) | . ~ | | - | - | - |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 2-Hexanone | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Methylene chloride | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Naphthalene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Styrene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Toluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Trichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| | | | | | | | | |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT S1

4121820-17 (Soil) Sample Date: 12/18/14

| | | TT | Reporting | Quantitation | D'1 (' | D 1 | | |
|-----------------------------------|----------------------|---------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result Not | | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOD 82 | 60B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| o-Xylene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 20:31 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 94 % | 12/19/14 | | 12/19/14 20:31 | | |
| Surrogate: Toluene-d8 | | 81-117 | 102 % | 12/19/14 | | 12/19/14 20:31 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 98 % | 12/19/14 | | 12/19/14 20:31 | | |
| GASOLINE RANGE ORGANICS | <u>5 BY EPA 5030</u> | /8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.13 | 0.13 | 1 | 12/22/14 | 12/22/14 20:08 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 103 % | 12/22/14 | | 12/22/14 20:08 | | |
| DIESEL RANGE ORGANICS BY | <u>EPA 3540/801</u> | 5B | | | | | | |
| Diesel-Range Organics | ND | mg/kg dry | 10.0 | 10.0 | 1 | 12/18/14 | 12/20/14 13:27 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 99 % | 12/18/14 | | 12/20/14 13:27 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 80 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Will Brewington, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT S2

4121820-18 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|----------|---------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD | 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 62.5 | 62.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Benzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Bromobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Bromoform | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Bromomethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 62.5 | 62.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| n-Butylbenzene | 3.2 | J ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Chloroethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Chloroform | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Chloromethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Dibromomethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT S2

4121820-18 (Soil) Sample Date: 12/18/14

| Analyte | | | | | | | | |
|-----------------------------------|--------|-------------|--------------------------|-----------------------------|----------|----------|----------------|--------------|
| | Result | Notes Units | Reporting Limit (MRL) | Quantitation Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | | | () | 2(202) | Dirution | Trepareu | i mary zea | 1 11111 9 50 |
| cis-1,2-Dichloroethene | ND | ug/kg dry | <u>6.3</u> | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 2-Hexanone | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Methylene chloride | ND | ug/kg dry | 12.5 | 12.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Naphthalene | 23.1 | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Styrene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Toluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Trichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT S2

4121820-18 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO |) 8260B (GC/MS) | (continued) | | | | | |
| 1,2,4-Trimethylbenzene | 25.1 | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| 1,3,5-Trimethylbenzene | 12.9 | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| o-Xylene | 8.3 | ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| m- & p-Xylenes | 3.0 | J ug/kg dry | 6.3 | 2.5 | 1 | 12/19/14 | 12/19/14 21:04 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 93 % | 12/19/14 | | 12/19/14 21:04 | | |
| Surrogate: Toluene-d8 | | 81-117 | 102 % | 12/19/14 | | 12/19/14 21:04 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 100 % | 12/19/14 | | 12/19/14 21:04 | | |
| GASOLINE RANGE ORGANICS | BY EPA 5 | 5030/8015B | | | | | | |
| Gasoline-Range Organics | 0.21 | mg/kg dry | 0.13 | 0.13 | 1 | 12/22/14 | 12/22/14 20:45 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 103 % | 12/22/14 | | 12/22/14 20:45 | | |
| DIESEL RANGE ORGANICS BY | EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | 12.1 | mg/kg dry | 10.0 | 10.0 | 1 | 12/21/14 | 12/23/14 05:34 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 91 % | 12/21/14 | | 12/23/14 05:34 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 80 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Will Brewington, Staff Chemist

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT W1

4121820-19 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|-------------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result Note | | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | | | | | | | | |
| Acetone | ND | ug/kg dry | 12.7 | 12.7 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 63.3 | 63.3 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Benzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Bromobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Bromoform | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Bromomethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 63.3 | 63.3 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 12.7 | 12.7 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Chloroethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Chloroform | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Chloromethane | ND | ug/kg dry | 6.3 | 6.3 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Dibromomethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| , | | | | | | | | |

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT W1

4121820-19 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 2-Hexanone | ND | ug/kg dry | 12.7 | 12.7 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 12.7 | 12.7 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Methylene chloride | ND | ug/kg dry | 12.7 | 12.7 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Naphthalene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Styrene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Toluene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Trichloroethene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| | | | | | | | | |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT W1

4121820-19 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|---------------------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result 1 | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOD | 8260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| o-Xylene | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.3 | 2.5 | 1 | 12/22/14 | 12/22/14 13:51 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 104 % | 12/22/14 | | 12/22/14 13:51 | | |
| Surrogate: Toluene-d8 | | 81-117 | 103 % | 12/22/14 | | 12/22/14 13:51 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 86 % | 12/22/14 | | 12/22/14 13:51 | | |
| GASOLINE RANGE ORGANICS | S BY EPA 50 | 30/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.13 | 0.13 | 1 | 12/23/14 | 12/23/14 14:50 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 99 % | 12/23/14 | | 12/23/14 14:50 | | |
| DIESEL RANGE ORGANICS BY | <u>7 EPA 3540/8</u> | 8015B | | | | | | |
| Diesel-Range Organics | 19.5 | mg/kg dry | 10.1 | 10.1 | 1 | 12/21/14 | 12/23/14 06:01 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 91 % | 12/21/14 | | 12/23/14 06:01 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 79 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT W2

4121820-20 (Soil) Sample Date: 12/18/14

| | | | | Reporting | Quantitation | | | | |
|--------------------------------|----------|---------|-----------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes | Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOL | D 8260B | (GC/MS) | | | | | | |
| Acetone | ND | | ug/kg dry | 12.8 | 12.8 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| tert-Amyl alcohol (TAA) | 897 | | ug/kg dry | 64.1 | 64.1 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| tert-Amyl methyl ether (TAME) | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Benzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Bromobenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Bromochloromethane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Bromodichloromethane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Bromoform | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Bromomethane | ND | | ug/kg dry | 6.4 | 6.4 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| tert-Butanol (TBA) | 1460 | Е | ug/kg dry | 64.1 | 64.1 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 2-Butanone (MEK) | ND | | ug/kg dry | 12.8 | 12.8 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| n-Butylbenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| sec-Butylbenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| tert-Butylbenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Carbon disulfide | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Carbon tetrachloride | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Chlorobenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Chloroethane | ND | | ug/kg dry | 6.4 | 6.4 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Chloroform | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Chloromethane | ND | | ug/kg dry | 6.4 | 6.4 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 2-Chlorotoluene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 4-Chlorotoluene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Dibromochloromethane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,2-Dibromoethane (EDB) | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Dibromomethane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,2-Dichlorobenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,3-Dichlorobenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,4-Dichlorobenzene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Dichlorodifluoromethane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,1-Dichloroethane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,2-Dichloroethane | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,1-Dichloroethene | ND | | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| * | | | | | | | | | |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT W2

4121820-20 (Soil) Sample Date: 12/18/14

| trans-1,2-Dichloroethene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14225 WB Dichloroptoromethane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14225 WB 1,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14225 WB 2,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14225 WB 1,1-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14221/4 WB 1,1-Dichloropropene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 WB Disopropyl ether (DPE) ND ug/kg dry 6.4 2.6 1 12221/4 <th></th> <th></th> <th></th> <th>Reporting</th> <th>Quantitation</th> <th></th> <th></th> <th></th> <th></th> | | | | Reporting | Quantitation | | | | |
|--|-----------------------------------|------------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| cis.1.2.DichloroetheneNDugkg dy6.42.611222/141222/14/1425WBDichlorofloroetheneNDugkg dy6.42.611222/141222/14/1425WBDichlorofloromethaneNDugkg dy6.42.611222/141222/14/1425WB1.2.DichloropropaneNDugkg dy6.42.611222/141222/14/1425WB1.3.DichloropropaneNDugkg dy6.42.611222/141222/14/1425WB2.2.DichloropropaneNDugkg dy6.42.611222/141222/14/1425WB1.3.DichloropropeneNDugkg dy6.42.611222/141222/14/1425WBDisopropyl ether (DIPE)NDugkg dy6.42.611222/141222/14/1425WBEibly letre-buly ether (ETBE)NDugkg dy6.42.611222/141222/14/1425WBEibly letre-buly ether (ETBE)NDugkg dy6.42.611222/141222/14/1425WBIsopropyl benzene (Cumene)NDugkg dy6.42.611222/141222/14/1425WBIsopropyl benzene (Cumene)NDugkg dy6.42.611222/141222/14/1425WBIsopropyl benzene (Cumene)NDugkg dy6.42.611222/141222/14/1425WBIsopropyl benzene (Cumene)NDugkg dy6.42.6< | Analyte | Result N | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| Tars 1,2 Dichloroethene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14221/4 14221/4 14221/4 14221/4 14221/4 14221/4 14221/4 14221/4 14221/4 14221/4 14221/4 1425 WB 1,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14225 WB 2,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14225 WB 1,1-Dichloropropene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14221/4 14221/4 WB 1,1-Dichloropropene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14221/4 WB Eihyl terri-butyl ether (ETBE) ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 | VOLATILE ORGANICS BY EPA | A METHOD 8 | 8260B (GC/MS) (| continued) | | | | | |
| Disk broken ND ugkg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB 1,2-Dickloropropane ND ugkg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB 1,3-Dickloropropane ND ugkg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB 2,2-Dickloropropane ND ugkg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB i,i,j-Dickloropropene ND ugkg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB Disporpolytence ND ugkg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB Einlythear.en ND ugkg dry 6.4 2.6 1 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 </td <td>cis-1,2-Dichloroethene</td> <td>ND</td> <td>ug/kg dry</td> <td>6.4</td> <td>2.6</td> <td>1</td> <td>12/22/14</td> <td>12/22/14 14:25</td> <td>WB</td> | cis-1,2-Dichloroethene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB 1,3-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB 2,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 12221/4 14.25 WB 1,1-Dichloropropene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB Disopropylenter (DIPE) ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB Ethyl tert-butyl ether (ETBE) ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB Ethylbenzene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB Ethylbenzene ND ug/kg dry 6.4 2.6 1 12221/4 12221/4 14.25 WB Sopro | trans-1,2-Dichloroethene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Jan Hardmann program ND ug/kg dry 6.4 2.6 1 1222/14 1222/14 14.25 WB 2,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 1222/14 | Dichlorofluoromethane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 2,2-Dichloropropane ND ug/kg dry 6.4 2.6 1 1222/14 1222/14 1425 WB 1,1-Dichloropropene ND ug/kg dry 6.4 2.6 1 1222/14 1222/14 1222/14 1222 WB Timas-1,3-Dichloropropene ND ug/kg dry 6.4 2.6 1 1222/14 1222/14 1222 WB Disopropyl ether (DIPE) ND ug/kg dry 6.4 2.6 1 1222/14 1222/14 122 WB Ethyl tert-butyl ether (ETBE) ND ug/kg dry 6.4 2.6 1 1222/14 1222/14 122 WB Ethyl tert-butyl ether (ETBE) ND ug/kg dry 6.4 2.6 1 1222/14 | 1,2-Dichloropropane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Interseptytual ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB cis-1,3-Dichloropropene ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB Disopropyl ether (DIPE) ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB Disopropyl ether (DIPE) ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB Ethyl tert-butyl ether (ETBE) ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB Ethyl benzene ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB Isopropyl benzene (Cumene) ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB Adsorpotylouene ND ugkg dry 6.4 2.6 1 1222/14 1222/14 1425 WB< | 1,3-Dichloropropane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| cis-1,3-Dichloropropene ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB trans-1,3-Dichloropropene ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB Diisopropyl ether (DIPE) ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB Ethyl tert-butyl ether (ETBE) ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB Ethylbenzene ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB 2-Hexanore ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB 1-sopropylebnzene (Currene) ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB 4-sopropylebnzene (Currene) ND ugkg dry 6.4 2.6 1 1/22/14 1/22/14/14/25 WB 4-sopropylebnzene (Currene) ND ugkg dry | 2,2-Dichloropropane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Interna I.3 Dickloppingent ND ugkg dry 6.4 2.6 1 1222/14 < | 1,1-Dichloropropene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Disoropyl ether (DIPE) ND ug/kg dry 6.4 2.6 1 1222/14 <th122 14<="" th=""> 1222/14 12</th122> | cis-1,3-Dichloropropene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Lat. problemNDug/kg dry6.42.611222/141222/141425WBEthyl terbulyl ether (ETBE)NDug/kg dry6.42.611222/141222/141425WBEthyl terbulyl ether (ETBE)NDug/kg dry6.42.611222/141222/141425WBEthyl terbulyl ether (Cumene)NDug/kg dry6.42.611222/141222/141425WBIsopropylbenzene (Cumene)NDug/kg dry6.42.611222/141222/141425WBHexachlorobutadieneNDug/kg dry6.42.611222/141222/141425WBIsopropylbenzene (Cumene)NDug/kg dry6.42.611222/141222/141425WB4-lsopropylbenzene (MTBE)NDug/kg dry6.42.611222/141222/141425WB4-Methyl-2-pentanoneNDug/kg dry6.42.611222/14< | trans-1,3-Dichloropropene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Ethylbenzene ND ug/kg dry 6.4 2.6 1 12/22/14 | Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| NameNDug/kg dry6.42.6112/22/1412/22/1412/22/1414/25WB2-HexanlorobutadieneNDug/kg dry12.812.8112/22/1412/22/1414/25WB1sopropylbenzene (Cumene)NDug/kg dry6.42.6112/22/1412/22/1414/25WB4-Isopropylbenzene (Cumene)NDug/kg dry6.42.6112/22/1412/22/1414/25WB4-Isopropylbenzene (Cumene)NDug/kg dry6.42.6112/22/1412/22/1414/25WBMethyl tert-butyl ether (MTBE)NDug/kg dry6.42.6112/22/1412/22/1414/25WB4-Methyl-2-pentanoneNDug/kg dry12.812.8112/22/1412/22/1414/25WBMethylene chlorideNDug/kg dry6.42.6112/22/1412/22/1414/25WBNaphthaleneNDug/kg dry6.42.6112/22/1412/22/1414/25WBStyreneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,1,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,2-TetrachloroethaneNDug/kg dry6.42.61< | Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Antimiter of the form of t | Ethylbenzene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Isopropylbenzene (Cumene)NDug/kg dry6.46.6112/22/1412/22/1412/22/1414/25WB4-Isopropylbenzene (MTBE)NDug/kg dry6.42.6112/22/1414/25WBMethylene chlorideNDug/kg dry6.42.6112/22/1412/22/1414/25WBNaphthaleneNDug/kg dry6.42.6112/22/1412/22/1414/25WBStyreneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,2,3-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,2,3-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,1-TrichloroethaneNDug/kg dry6.42.6112/22/1412/2 | Hexachlorobutadiene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| NDug/kg dry6.42.6112/22/14 <td>2-Hexanone</td> <td>ND</td> <td>ug/kg dry</td> <td>12.8</td> <td>12.8</td> <td>1</td> <td>12/22/14</td> <td>12/22/14 14:25</td> <td>WB</td> | 2-Hexanone | ND | ug/kg dry | 12.8 | 12.8 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Methyl tert-butyl ether (MTBE)NDug/kg dry6.42.6112/22/1412/22/1414/25WBMethyl tert-butyl ether (MTBE)NDug/kg dry12.812.8112/22/1412/22/1412/22/1414/25WBMethylene chlorideNDug/kg dry12.812.8112/22/14 <t< td=""><td>Isopropylbenzene (Cumene)</td><td>ND</td><td>ug/kg dry</td><td>6.4</td><td>2.6</td><td>1</td><td>12/22/14</td><td>12/22/14 14:25</td><td>WB</td></t<> | Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| At-Methyl-2-pentanoneNDug/kg dry12.812.8112/22/1412/22/1414:25WBMethylene chlorideNDug/kg dry12.812.8112/22/1412/22/1414:25WBNaphthaleneNDug/kg dry6.42.6112/22/1412/22/1414:25WBn-PropylbenzeneNDug/kg dry6.42.6112/22/1412/22/1414:25WBStyreneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,1,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTolueneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,3-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,4-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,1-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25 <td>4-Isopropyltoluene</td> <td>ND</td> <td>ug/kg dry</td> <td>6.4</td> <td>2.6</td> <td>1</td> <td>12/22/14</td> <td>12/22/14 14:25</td> <td>WB</td> | 4-Isopropyltoluene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Methylene chlorideNDug/kg dry12.812.8112/22/14 | Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| NaphtaleneNDug/kg dry6.42.6112/22/1412/22/1414.25WBn-PropylbenzeneNDug/kg dry6.42.6112/22/1412/22/1414.25WBStyreneNDug/kg dry6.42.6112/22/1412/22/1414.25WB1,1,1,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414.25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414.25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414.25WBTetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414.25WBTolueneNDug/kg dry6.42.6112/22/1412/22/1414.25WB1,2,3-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414.25WB1,2,4-TrichloroethaneNDug/kg dry6.42.6112/22/14< | 4-Methyl-2-pentanone | ND | ug/kg dry | 12.8 | 12.8 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| n-PropylbenzeneNDug/kg dry6.42.6112/22/1412/22/1414/25WBStyreneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414/25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414/25WBTetrachloroetheneNDug/kg dry6.42.6112/22/1412/22/1 | Methylene chloride | ND | ug/kg dry | 12.8 | 12.8 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| NDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTolueneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,3-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,4-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1 | Naphthalene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| NDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTetrachloroetheneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTolueneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,3-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,4-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,1-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1 | n-Propylbenzene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,1,2,2-TetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTetrachloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTolueneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,3-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,2,4-TrichlorobenzeneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,1-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTrichloroethaneNDug/kg dry6.42.6112/22/14 </td <td>Styrene</td> <td>ND</td> <td>ug/kg dry</td> <td>6.4</td> <td>2.6</td> <td>1</td> <td>12/22/14</td> <td>12/22/14 14:25</td> <td>WB</td> | Styrene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Tetrachloroethene ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB Toluene ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,2,3-Trichlorobenzene ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,2,4-Trichlorobenzene ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,1,1-Trichloroethane ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,1,2-Trichloroethane ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,1,2-Trichloroethane ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 12/22/14 | 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Toluene ND ug/kg dry 6.4 2.6 1 12/22/14 <t< td=""><td>1,1,2,2-Tetrachloroethane</td><td>ND</td><td>ug/kg dry</td><td>6.4</td><td>2.6</td><td>1</td><td>12/22/14</td><td>12/22/14 14:25</td><td>WB</td></t<> | 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,2,3-Trichlorobenzene ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,2,4-Trichlorobenzene ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,1,1-Trichloroethane ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB 1,1,2-Trichloroethane ND ug/kg dry 6.4 2.6 1 12/22/14 | Tetrachloroethene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| NDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTrichlorofluoromethane (Freon 11)NDug/kg dry6.42.6112/22/1412/22/1414:25WB | Toluene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| NDug/kg dry6.42.6112/22/1412/22/1414:25WB1,1,2-TrichloroethaneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTrichloroetheneNDug/kg dry6.42.6112/22/1412/22/1414:25WBTrichloroethane (Freon 11)NDug/kg dry6.42.6112/22/1412/22/1414:25WB | 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB Trichloroethane ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB Trichloroethane (Freon 11) ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB | 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB Trichlorofluoromethane (Freon 11) ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB | 1,1,1-Trichloroethane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Trichlorofluoromethane (Freon 11) ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB | 1,1,2-Trichloroethane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| | Trichloroethene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,2,3-Trichloropropane ND ug/kg dry 6.4 2.6 1 12/22/14 12/22/14 14:25 WB | Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| | 1,2,3-Trichloropropane | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

TANK PIT W2

4121820-20 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|-------------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD | 8260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| o-Xylene | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.4 | 2.6 | 1 | 12/22/14 | 12/22/14 14:25 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 100 % | 12/22/14 | | 12/22/14 14:25 | | |
| Surrogate: Toluene-d8 | | 81-117 | 101 % | 12/22/14 | | 12/22/14 14:25 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 92 % | 12/22/14 | | 12/22/14 14:25 | | |
| GASOLINE RANGE ORGANIC | S BY EPA 5 | 030/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.13 | 0.13 | 1 | 12/23/14 | 12/23/14 15:26 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 98 % | 12/23/14 | | 12/23/14 15:26 | | |
| DIESEL RANGE ORGANICS B | Y EPA 3540/ | 8015B | | | | | | |
| Diesel-Range Organics | 11.1 | mg/kg dry | 10.3 | 10.3 | 1 | 12/21/14 | 12/23/14 06:29 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 93 % | 12/21/14 | | 12/23/14 06:29 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 78 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 1

4121820-21 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|--------------------------------|----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | A METHOD |) 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 12.0 | 12.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 60.2 | 60.2 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Benzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Bromobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Bromoform | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Bromomethane | ND | ug/kg dry | 6.0 | 6.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 60.2 | 60.2 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 12.0 | 12.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Chloroethane | ND | ug/kg dry | 6.0 | 6.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Chloroform | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Chloromethane | ND | ug/kg dry | 6.0 | 6.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Dibromomethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |

Buite

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 1

4121820-21 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOD | 8260B (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 2-Hexanone | ND | ug/kg dry | 12.0 | 12.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 12.0 | 12.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Methylene chloride | ND | ug/kg dry | 12.0 | 12.0 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Naphthalene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Styrene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Toluene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Trichloroethene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |

Buites

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Maryland **spectral** Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 1

4121820-21 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHO | D 8260B (GC/MS) | (continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| o-Xylene | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.0 | 2.4 | 1 | 12/22/14 | 12/22/14 14:58 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 111 % | 12/22/14 | | 12/22/14 14:58 | | |
| Surrogate: Toluene-d8 | | 81-117 | 99 % | 12/22/14 | | 12/22/14 14:58 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 92 % | 12/22/14 | | 12/22/14 14:58 | | |
| GASOLINE RANGE ORGANICS | BY EPA 5 | 5030/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.12 | 0.12 | 1 | 12/23/14 | 12/23/14 16:02 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 98 % | 12/23/14 | | 12/23/14 16:02 | | |
| DIESEL RANGE ORGANICS BY | EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | ND | mg/kg dry | 9.6 | 9.6 | 1 | 12/21/14 | 12/23/14 06:56 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 90 % | 12/21/14 | | 12/23/14 06:56 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 83 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Burtes

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, Staff Chemist

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 2

4121820-22 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|--------------------------------|----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | PA METHO | D 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 11.8 | 11.8 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 58.8 | 58.8 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Benzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Bromobenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Bromochloromethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Bromodichloromethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Bromoform | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Bromomethane | ND | ug/kg dry | 5.9 | 5.9 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 58.8 | 58.8 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 11.8 | 11.8 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| n-Butylbenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Carbon disulfide | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Chlorobenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Chloroethane | ND | ug/kg dry | 5.9 | 5.9 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Chloroform | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Chloromethane | ND | ug/kg dry | 5.9 | 5.9 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Dibromochloromethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Dibromomethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| | | | | | | | | |

Buites

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 2

4121820-22 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOI | D 8260B (GC/MS) | (continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Ethylbenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 2-Hexanone | ND | ug/kg dry | 11.8 | 11.8 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 11.8 | 11.8 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Methylene chloride | ND | ug/kg dry | 11.8 | 11.8 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Naphthalene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| n-Propylbenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Styrene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Tetrachloroethene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Toluene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Trichloroethene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| | | | | | | | | |

Buites

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.

Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 2

4121820-22 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|--------------|-----------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result 1 | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOD | 8260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Vinyl chloride | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| o-Xylene | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 5.9 | 2.4 | 1 | 12/22/14 | 12/22/14 15:31 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 108 % | 12/22/14 | | 12/22/14 15:31 | | |
| Surrogate: Toluene-d8 | | 81-117 | 84 % | 12/22/14 | | 12/22/14 15:31 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 98 % | 12/22/14 | | 12/22/14 15:31 | | |
| GASOLINE RANGE ORGANIC | S BY EPA 50 | 30/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.12 | 0.12 | 1 | 12/23/14 | 12/23/14 16:39 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 98 % | 12/23/14 | | 12/23/14 16:39 | | |
| DIESEL RANGE ORGANICS BY | Y EPA 3540/8 | 8015B | | | | | | |
| Diesel-Range Organics | 17.8 | mg/kg dry | 9.4 | 9.4 | 1 | 12/21/14 | 12/23/14 07:24 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 92 % | 12/21/14 | | 12/23/14 07:24 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 85 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Buites

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 3

4121820-23 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|--------------------------------|----------|-----------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EF | PA METHO | D 8260B (GC/MS) | | | | | | |
| Acetone | ND | ug/kg dry | 13.2 | 13.2 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 65.8 | 65.8 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Benzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Bromobenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Bromoform | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Bromomethane | ND | ug/kg dry | 6.6 | 6.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 65.8 | 65.8 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 13.2 | 13.2 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Chloroethane | ND | ug/kg dry | 6.6 | 6.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Chloroform | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Chloromethane | ND | ug/kg dry | 6.6 | 6.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Dibromomethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| | | | | | | | | |

Bunto

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 3

4121820-23 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOD | 9 8260B (GC/MS) (| continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 2-Hexanone | ND | ug/kg dry | 13.2 | 13.2 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 13.2 | 13.2 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Methylene chloride | ND | ug/kg dry | 13.2 | 13.2 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Naphthalene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Styrene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Toluene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Trichloroethene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| | | | | | | | | |

Buites

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.

Maryland **spectral** Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 3

4121820-23 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-------------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | METHOI |) 8260B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| o-Xylene | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.6 | 2.6 | 1 | 12/22/14 | 12/22/14 16:05 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 110 % | 12/22/14 | | 12/22/14 16:05 | | |
| Surrogate: Toluene-d8 | | 81-117 | 100 % | 12/22/14 | | 12/22/14 16:05 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 91 % | 12/22/14 | | 12/22/14 16:05 | | |
| GASOLINE RANGE ORGANICS | BY EPA 5 | 5030/8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.13 | 0.13 | 1 | 12/23/14 | 12/23/14 17:16 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 99 % | 12/23/14 | | 12/23/14 17:16 | | |
| DIESEL RANGE ORGANICS BY | EPA 3540 | /8015B | | | | | | |
| Diesel-Range Organics | ND | mg/kg dry | 10.5 | 10.5 | 1 | 12/21/14 | 12/23/14 07:51 | CMK |
| Surrogate: o-Terphenyl | | 70-130 | 83 % | 12/21/14 | | 12/23/14 07:51 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 76 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Burtes

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, Staff Chemist

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 4

4121820-24 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-------------------------------|--------|-------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP | | | | | | | | |
| Acetone | ND | ug/kg dry | 12.3 | 12.3 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| tert-Amyl alcohol (TAA) | ND | ug/kg dry | 61.7 | 61.7 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| tert-Amyl methyl ether (TAME) | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Benzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Bromobenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Bromochloromethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Bromodichloromethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Bromoform | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Bromomethane | ND | ug/kg dry | 6.2 | 6.2 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| tert-Butanol (TBA) | ND | ug/kg dry | 61.7 | 61.7 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 2-Butanone (MEK) | ND | ug/kg dry | 12.3 | 12.3 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| n-Butylbenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| sec-Butylbenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| tert-Butylbenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Carbon disulfide | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Carbon tetrachloride | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Chlorobenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Chloroethane | ND | ug/kg dry | 6.2 | 6.2 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Chloroform | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Chloromethane | ND | ug/kg dry | 6.2 | 6.2 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 2-Chlorotoluene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 4-Chlorotoluene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2-Dibromo-3-chloropropane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Dibromochloromethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2-Dibromoethane (EDB) | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Dibromomethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2-Dichlorobenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,3-Dichlorobenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,4-Dichlorobenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Dichlorodifluoromethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,1-Dichloroethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2-Dichloroethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,1-Dichloroethene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| | | | | | | | | |

Buites

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Maryland <u>spectral</u> Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 4

4121820-24 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|----------|-------------------|-------------|--------------|----------|----------|----------------|---------|
| Analyte | Result | Notes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EPA | A METHOD |) 8260B (GC/MS) (| (continued) | | | | | |
| cis-1,2-Dichloroethene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| trans-1,2-Dichloroethene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Dichlorofluoromethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2-Dichloropropane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,3-Dichloropropane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 2,2-Dichloropropane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,1-Dichloropropene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| cis-1,3-Dichloropropene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| trans-1,3-Dichloropropene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Diisopropyl ether (DIPE) | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Ethyl tert-butyl ether (ETBE) | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Ethylbenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Hexachlorobutadiene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 2-Hexanone | ND | ug/kg dry | 12.3 | 12.3 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Isopropylbenzene (Cumene) | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 4-Isopropyltoluene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Methyl tert-butyl ether (MTBE) | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 4-Methyl-2-pentanone | ND | ug/kg dry | 12.3 | 12.3 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Methylene chloride | ND | ug/kg dry | 12.3 | 12.3 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Naphthalene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| n-Propylbenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Styrene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,1,1,2-Tetrachloroethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,1,2,2-Tetrachloroethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Tetrachloroethene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Toluene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2,3-Trichlorobenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2,4-Trichlorobenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,1,1-Trichloroethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,1,2-Trichloroethane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Trichloroethene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Trichlorofluoromethane (Freon 11) | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,2,3-Trichloropropane | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| | | | | | | | | |

Buites

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.

Maryland **spectral** Services



Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson 1500 Caton Center Dr Suite G Baltimore MD 21227 410-247-7600 www.mdspectral.com

Reported:

12/29/14 11:31

CANOPY 4

4121820-24 (Soil) Sample Date: 12/18/14

| | | | Reporting | Quantitation | | | | |
|-----------------------------------|---------------|---------------|-------------|--------------|----------|----------------|----------------|---------|
| Analyte | Result No | tes Units | Limit (MRL) | Limit (LOQ) | Dilution | Prepared | Analyzed | Analyst |
| VOLATILE ORGANICS BY EP. | A METHOD 82 | 60B (GC/MS) (| continued) | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| 1,3,5-Trimethylbenzene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Vinyl chloride | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| o-Xylene | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| m- & p-Xylenes | ND | ug/kg dry | 6.2 | 2.5 | 1 | 12/22/14 | 12/22/14 16:38 | WB |
| Surrogate: 1,2-Dichloroethane-d4 | | 80-120 | 111 % | 12/22/14 | | 12/22/14 16:38 | | |
| Surrogate: Toluene-d8 | | 81-117 | 95 % | 12/22/14 | | 12/22/14 16:38 | | |
| Surrogate: 4-Bromofluorobenzene | | 74-121 | 90 % | 12/22/14 | | 12/22/14 16:38 | | |
| GASOLINE RANGE ORGANIC | S BY EPA 5030 | /8015B | | | | | | |
| Gasoline-Range Organics | ND | mg/kg dry | 0.12 | 0.12 | 1 | 12/23/14 | 12/23/14 17:52 | ECM |
| Surrogate: a,a,a-Trifluorotoluene | | 85-115 | 98 % | 12/23/14 | | 12/23/14 17:52 | | |
| DIESEL RANGE ORGANICS B | Y EPA 3540/80 | 15B | | | | | | |
| Diesel-Range Organics | 38.7 | mg/kg dry | 9.9 | 9.9 | 1 | 12/21/14 | 12/23/14 08:19 | СМК |
| Surrogate: o-Terphenyl | | 70-130 | 93 % | 12/21/14 | | 12/23/14 08:19 | | |
| PERCENT SOLIDS | | | | | | | | |
| Percent Solids | 81 | % | | | 1 | 12/19/14 | 12/20/14 08:41 | WB |

Burtes

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, Staff Chemist

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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Maryland <u>spectral</u>

Analytical Chemistry Services



Analytical Results

Project: MYERSVILLE CROWN

Project Number: 06-170 Project Manager: Michael Robertson

Notes and Definitions

- S-07 Surrogate recovery and/or internal standard area are outside control limits due to sample matrix effect.
- L Analyte is a possible laboratory contaminant
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-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

Burtes

Will Brewington, Staff Chemist

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.

As a NELAP accredited laboratory, MSS certifies that all applicable test results meet NELAC requirements.

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

Reported: 12/29/14 11:31

| | Analysis Requested 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: NVV (nonpotable water) PVV (potable water) | Preservative: 1+1 Field pH, Residual HCL, H ₂ SO ₄ , Chlorine, QC Methanol, Request, Trip Na ₂ S ₂ O ₃ , NaHCO ₃ Blank, Field Blank | N/A 4121520-01 | | -03 | H0- | 50- | a()- | LO- | - 08 | -09 | | Relinquished by: (Signature) Date/Time Received by: (Signature) | (Printed) (Printed) | Turn Around Time: Lab Use: | Normal (7 day) 5 day 7 day 7 Received on Ice 4 day | |
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| | Project Manager | Project ID: Project ID: 06-170 | P.O. Number: | | Date | 6 1/21 | | | | | | | | | | Date/Time I | 52 hi 5 | <u> </u> | 12/18 | Special Instructions/OC Requirements & Comments: r cobectson r colour) 5 |
| | Company Name: | Project Name: Myerswilk BP/Crown | Sampler(s): | 1.t | Field Sample ID | Tark Pit 2 | 2 | к г г | | u S | ··· · · · · · · · · · · · · · · · · · | t " " | n n 8 | · · · | 11 11 10 | Relinquished by: (80)netwel | Junio | Relinquished by: (Signature) | (Printed) | Delivery Method: Courier Courier DPS DPS DPS DPS |

| | DDY RECORD | Services. Inc. | Drive, Suite G | 21227 410-247-7602 | ectral.com | iter) | idual C MSS Lab ID Iank | 4121820-11 | 21- | -13 | h1- | -15 | 91- | L1- | -18 | - 19 | ~ 20 | Received by: (<i>Signature</i>) | | | | | | | 09 Z MSS-F001-03/13 |
|----|-------------------------|---------------------------------|----------------------------------|--|-----------------------|---|---|------------|----------|---------|----------|----------|---------|----------|--------|--------|--------|---------------------------------------|--------------------|---------------------------------------|----------------------|---|--|---|------------------------|
| | CHAIN-OF-CUSTODY RECORD | Maryland Spectral Services Inc. | 1500 Caton Center Drive, Suite G | Baltimore, MD 21227 410-247-7600 • Eav 410-247-7602 | labman@mdspectral.com | Matrix Codes: NW (nonpotable water) PW (potable water) | 2: 1+1 Field pH, Residual O.4, Chlorine, QC ol, Request, Trip hHCO ₃ Blank, Field Blank | | | | | | | | | | | Date/Time Received | (Printed) | | Temp: <u></u> C K | Received same day Preservation Appropriate | Sàmple Disposal: | Keturn to Client Disposal by lab Archive for days | |
| | Ċ | | | | | Matrix Codes: NW (PW (potable water) | Preservative: 1+1 HCL, H ₂ SO4, Methanol, Na ₂ S ₂ O3, NaHCO3 | 1/4 | | - | | | | | | (| • | | | Lab Use: | Temp: K Rec | Rec Pre | Sàmple | | |
| | Analysis Requested | | | | | | | | | | | | | | | | | Relinquished by: (<i>Signature</i>) | (Printed) | Turn Around Time: | | a 4 day 3 day | | Other: Other: Specific Due Date: | |
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| | Project Manager: | Mik Robertson | Project ID: | 021-90 | P.O. Number: | | Date | 2-1g | • | | | | | | | | Ĵ, | Date/Time | 241 | Date/Time | | 1630 | Special Instructions/QC Requirements & Comments: <i>M</i> 1 <i>o</i> ber 4 | neturls | |
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| | Company Name: | 450 | Project Name: | Myersville | Sampler(s): | Nete | Fiek | Tark Pit | Tark P:t | Tark Rt | Tank Pit | Tark Pit | 1.4 4.1 | Tank P:+ | Tart | | Jr | Relinquished by: (Sig | (Pfinted) Norte | Relinquished by: (<i>Signature</i>) | (Printed) | | Delivery Method: | | Dither. |

Page 77 of 78

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| DY RECORD | RECORD | es, Inc. , Suite G 27 247–7602 | com | MSS Lab ID | H121820-21 | 22- | - 23 | -24 | | | | | Signature) | | | | | | | 400 | WSS-F001-03/13 |
| | 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 ((nonpotable water) r) | Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank | | | | | | | | | e Received by. (Signature) | (Printed) | | Ŋ | Received on Ice Received same day Preservation Appropriate | sal: | tlient / Iab | r days | |
| | CHAIN- | Mary 1500 410–24 | labman@mdspectra Matrix Codes: NW (nonpotable water) PW (potable water) | Preservative: 1+1 HCL, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃ | N/4 | | / | - | | | | | Date/Time | 1 | Lab Use: | Temp: <u>5</u> , 6 , c | Received on Ice Received same day | 5 | \ \ | Archive for | |
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| | Project Manager | Project ID: 06-170 | P.O. Number. | Date | 8)-21 | - | | • | | | | | Date/Time | S2hi | Date/Time | 12/18 | 11630 | Special Instructions/QC Requirements & Comments | meekertser | | |
| | Company Name: | Project Name: Myrsville BP/Crown | Sampler(s): \mathcal{N} to | Field Sample ID | Canapy 7 | Canepy 7 | Canery 3 | Caner 4 | /1 | | | | Relinquished by. [8]gnature1 | (Panted) Agte Schulds | Relinquished by: (Signature) | (Printed) | s | elivery Method: | Client UPS | D USPS | |