284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : KINGSLAND POINT PARK WATER MAIN

T&A CONSTRUCTION INC

910 West Dover Rd

Pawling, NY - 12564

Phone No: 845-803-0782

ORDER ID : Q2600

ATTENTION : Garrett Johnson

Laboratory Certification ID # 20012

Table Of Contents for Q2600

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q2600

Project ID : Kingsland Point Park Water Main

Client : T&A Construction Inc

Lab Sample Number	Client Sample Number
Q2600-01	TRENCH
Q2600-02	TRENCH
Q2600-03	TRENCH
Q2600-04	TRENCH
Q2600-05	STOCK-PILE
Q2600-06	STOCK-PILE
Q2600-07	STOCK-PILE
Q2600-08	STOCK-PILE
Q2600-09	END-OF-TRENCH
Q2600-10	END-OF-TRENCH
Q2600-11	END-OF-TRENCH
Q2600-12	END-OF-TRENCH

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:28 am, Jul 29, 2025

Date: 7/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.

The Blank Spike for {VX0715MBS01} with File ID: VX047007.D met requirements for all compounds except for 2-Butanone[140%], 2-Hexanone[145%], 4-Methyl-2-Pentanone[139%] and Methyl Acetate[155%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {VX0715MBSD01} with File ID: VX047008.D met requirements for all compounds except for 1,2-Dibromo-3-Chloropropane[135%], 2-Butanone[147%], 2-Hexanone[150%], 4-Methyl-2-Pentanone[144%] and Methyl Acetate[160%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike for {VX0716MBS01} with File ID: VX047019.D met requirements for all compounds except for 2-Butanone[136%], 2-Hexanone[142%] and Methyl Acetate[150%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

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The Initial Calibration met the requirements.

The Continuous Calibration File ID VX046988.D met the requirements except for 1,2-Dibromo-3-Chloropropane,2-Butanone,2-Hexanone,4-Methyl-2-Pentanone,Methyl Acetate and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VX047016.D met the requirements except for 1,2-Dibromo-3-Chloropropane,2-Butanone,2-Hexanone,4-Methyl-2-Pentanone,Acetone, Methyl Acetate and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken while, Carbon Disulfide is failing low but only dilution sample analyzed under this CCAL therefore no corrective action taken..
The Tuning criteria met requirements.

Samples TRENCH, STOCK-PILE and END-OF-TRENCH were directly run in methanol as samples have strong odor and not allowing low level soil run.

Sample END-OF-TRENCH was diluted due to high concentration.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP VOA. This data package contains results for TCLP VOA.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike Duplicate for {VX0716WBS01} with File ID: VX047022.D met requirements for all compounds except for 2-Butanone[140%] is failing high and associate samples having hit of 2-Butanone but below CRQL therefore no corrective action taken.

The Blank Spike Duplicate for {VX0716WBSD01} with File ID: VX047023.D met requirements for all compounds except for 2-Butanone[150%]is failing high and associate samples having hit of 2-Butanone but below CRQL therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

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The Continuous Calibration File ID VX047016.D met the requirements except for 2-Butanone is failing high and associate samples having hit of 2-Butanone but below CRQL therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Gasoline Range Organics. This data package contains results for Gasoline Range Organics.

C. Analytical Techniques:
The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909.The analysis of Gasoline Range Organics was based on method 8015D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except for STOCK-PILE [Alpha,Alpha andAlpha-Trifluorotoluene - 296%]. Due to high concentration of compound, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

Samples STOCK-PILE and END-OF-TRENCH were diluted due to high concentrations.
For sample TRENCH, Vial A has carry over issue and Vial B was not purged, therefore Vial C analyzed and reported.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.

The Blank Spike for {PB168854BS} with File ID: BF143119.D met requirements for all compounds except for 4-Nitroaniline[106%],is failing high but no positive hit in associate samples therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 20% in the Initial Calibration (8270-BF071525.M) for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene,Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate, and Di-n-octyl phthalate thesecompounds are passing on Linear Regression and 2,4-Dinitrophenol,4,6-Dinitro-2-methylphenol, these Compounds are passing on Qudratic regression.

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The % RSD is greater than 20% in the Initial Calibration (8270-BP070325.M) for 2-Nitrophenol,2-Nitroaniline,2,4-Dinitrophenol,2,4-Dinitrotoluene,4,6-Dinitro-2-methylphenol,Butylbenzylphthalate,Di-n-octyl phthalate these compounds are passing onLinear Regression.

The Continuous Calibration File ID BP025155.D met the requirements except for 2,4-Dinitrophenol,2-Nitrophenol,3,3-Dichlorobenzidine,4,6-Dinitro-2-methylphenol,Bis(2-ethylhexyl)phthalate,Hexachlorocyclopentadiene and 2,4,6-Tribromophenol are biased high therefore no corrective action was taken.

The Continuous Calibration File ID BP025187.D met the requirements except for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol, are biased high,and no positive hit inassociated sampls, therefore no corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP BNA. This data package contains results for TCLP BNA.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA.. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.
The % RSD is greater than 20% in the Initial Calibration (8270-BF071525.M) for 2,4-Dinitrotoluene,this compound is passing on Linear Regression.

The % RSD is greater than 20% in the Initial Calibration (8270-BM070825.M) for 2,4-Dinitrotoluene,this compound is passing on Linear Regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

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E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Pesticide-TCL. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.

The MS recoveries for {Q2600-05MS} with File ID: PD089645.D met requirements for all samples except for [Endrin aldehyde(1)56% - Endrin aldehyde(2)39%] due to matrix interference.

The MSD {Q2600-05MSD} with File ID: PD089646.D recoveries met requirements for all samples except for [Endrin aldehyde(1)57% - Endrin aldehyde(2)39%] due to matrix interference.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

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E. Additional Comments:
Fax and Hardcopy data will not match for all samples as Initially samples were analyzed where CCAL was failing therefore samples were reanalyzed and reported in hardcopy.

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP Pesticide. This data package contains results for TCLP Pesticide.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The fax and hardcopy is not matching, as fax samples analyzed in seq PL071725 where Ending I.BLK and CCAL missing, as corrective action lab reanalyzed samples in seq PL071825 and hard copy reported from second analysis.

F. Manual Integration Comments:
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Signature APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:30 am, Jul 29, 2025

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: PCB

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PP073819.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

The Continuous Calibration File ID PP073834.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

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E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP Herbicide. This data package contains results for TCLP Herbicide.

C. Analytical Techniques:
The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324. The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for STOCK-PILE [2,4-DCAA(1)147%], STOCK-PILERE [2,4-DCAA(1)141%]. This sample reanalyzed to confirm results, Original and Reanalysis both are reported.
The Retention Times were met for all analysis.

The MS {Q2592-02MS} with File ID: PS031115.D recoveries met the requirements for all compounds except for [2,4-D(1)139%] due to matrix interference.

The MSD {Q2592-02MSD} with File ID: PS031116.D recoveries met the requirements for all compounds except for [2,4-D(1)140%] due to matrix interference..

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PS031126.D met the requirements except for 2,4-D is failing in 1st column, But associated samples have not positive hit for this compound therefore no corrective action was taken.

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E. Additional Comments:

F. Manual Integration Comments:
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Signature____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:30 am, Jul 29, 2025

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: EPH

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH. This data package contains results for EPH.

C. Analytical Techniques:
The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2600-05MS} with File ID: FC069465.D recoveries met the requirements for all compounds except for Aliphatic [n-Docosane (C22)- 155%], [n-Hexacosane (C26) - 328%], [n-Octacosane (C28) - 222%], [n-Dotriacontane (C32) -165%] due to matrix interference and for [Naphthalene (C11.7)- 16%, 2-methylnaphthalene (C12.89)- 5%], these analytes are only being monitoring in aliphatic fraction.

The MS {Q2600-05MS} with File ID: FD049555.D recoveries met the requirements for all compounds except for Aromatic [Benzo[a]anthracene (C26.37)- 148%], [Chrysene (C27.41) - 291%], [Bnezo[k]fluoranthene (C30.14) - 264%], [Dibenz[a,h]anthracene (C30.36) -222%], [Benzo[a]pyrene (C31.34) - 142%]due to matrix interference.

The MS {Q2600-05MSD} with File ID: FC069466.D recoveries met the requirements for all compounds except for Aliphatic [n-Nonane (C9) -39%], [n-Docosane (C22)- 143%], [n-Hexacosane (C26) - 214%], [n-Octacosane (C28) - 276%], [n-Dotriacontane (C32) -146%] due to matrix interference and for [Naphthalene (C11.7)- 16%, 2-methylnaphthalene (C12.89)- 5%], these analytes are only being monitoring in aliphatic fraction.

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The MS {Q2600-05MSD} with File ID: FD049556.D recoveries met the requirements for all compounds except for Aromatic [Benzo[a]anthracene (C26.37)- 143%], [Chrysene (C27.41) - 265%], [Bnezo[k]fluoranthene (C30.14) - 262%], [Dibenz[a,h]anthracene (C30.36) -226%], [Benzo[a]pyrene (C31.34) - 156%]due to matrix interference.

The RPD were met for all analysis.

The Blank Spike for {PB168877BS} with File ID: FC069471.D met requirements for all samples except for Aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes are only being monitoring in aliphatic fraction.

The Blank Spike Duplicate for {PB168877BSD}with File ID: FC069472.D met requirements for all samples except for Aliphatic[Naphthalene (C11.7)- 0%,2-methylnaphthalene (C12.89)- 0%],these analytes are only being monitoring in aliphatic fraction.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

Samples TRENCH, STOCK-PILE and END-OF-TRENCH were diluted due to high concentrations.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 07/14/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Gasoline Range Organics, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, pH, SVOC-TCL BNA -20, TCL+30/TAL, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL and VOC-TCLVOA-10. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (NB-07-071125MS) analysis met criteria for all compounds except for Antimony, Copper, Mercury, Silver and Zinc due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (NB-07-071125MSD) analysis met criteria for all compounds except for Antimony, Copper, Mercury and Silver due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (NB-07-071125L) met criteria for all compounds except for Iron due to sample matrix interference.

E. Additional Comments:
The Post Digest Spike (NB-07-071125A) analysis met criteria for all compounds except for Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:31 am, Jul 29, 2025

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: TCLP ICP Metals,TCLP Mercury

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 07/14/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Gasoline Range Organics, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, pH, SVOC-TCL BNA -20, TCL+30/TAL, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL and VOC-TCLVOA-10.
This data package contains results for TCLP ICP Metals,TCLP Mercury.

C. Analytical Techniques:
The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (HR-MCN-COMP-01MS) analysis met criteria for all compounds except for Mercury due to Sample matrix interference.
The Matrix Spike Duplicate analysis met criteria for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:31 am, Jul 29, 2025

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: Cyanide,Hexavalent Chromium,Ignitability,pH

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 07/14/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide,Hexavalent Chromium,Ignitability,pH. This data package contains results for Cyanide,Hexavalent Chromium,Ignitability,pH.

C. Analytical Techniques:
The analysis of Ignitability was based on method 1030, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Cyanide was based on method 9012B and The analysis of pH was based on method 9045D.

D. QA/ QC Samples:
The Holding Times were met for all samples except for END-OF-TRENCH of pH, for STOCK-PILE of pH and for TRENCH of pH as samples were receive out of holding time.
The Blank Spike met requirements for all compounds.
The Duplicate (END-OF-TRENCHDUP) analysis met criteria for all compounds except for Cyanide due to the results are below Reporting limit.
The Matrix Spike analysis met criteria for all compounds.
The Matrix Spike Duplicate analysis met criteria for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:31 am, Jul 29, 2025

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2600

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 07/29/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**TRENCH**								
Q2600-03	TRENCH	SOIL	Methylcyclohexane		280		49.9	270	ug/Kg
Q2600-03	TRENCH	SOIL	Isopropylbenzene		280		42.8	270	ug/Kg
			Total Voc :		560				
Q2600-03	TRENCH	SOIL	Benzene, 1,2-diethyl-	*	4500	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	o-Cymene	*	6200	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Cyclohexane, (1-methylethyl)-	*	7800	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Benzene, 1-ethyl-2,3-dimethyl-	*	7100	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Octane, 2,6-dimethyl-	*	5100	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Cyclohexane, 1,4-dimethyl-, tra	*	4600	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Benzene, (2-methyl-2-propenyl	*	5800	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	2-Octene, 2,6-dimethyl-	*	4700	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Oxalic acid, cyclohexylmethyl (	*	6100	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	unknown11.628	*	4500	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	sec-Butylbenzene	*	1200	J	36.2	270	ug/Kg
Q2600-03	TRENCH	SOIL	n-Butylbenzene	*	820	J	79.6	270	ug/Kg
			Total Tics :		58400				
			Total Concentration:		59000				
Client ID:	**STOCK-PILE**								
Q2600-07	STOCK-PILE	SOIL	Cyclohexane		46.1	J	34.9	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Methylcyclohexane		530		40.1	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Ethyl Benzene		72.2	J	29.6	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Isopropylbenzene		300		34.4	220	ug/Kg
			Total Voc :		948				
Q2600-07	STOCK-PILE	SOIL	Benzene, 1,2-diethyl-	*	3000	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Benzene, 1-methyl-3-(1-methyl	*	3300	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Cyclohexane, (1-methylethyl)-	*	6700	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Benzene, (2-methyl-1-propenyl	*	3400	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Benzene, 1-ethyl-2,3-dimethyl-	*	4100	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	2-Octene, 2,6-dimethyl-	*	2900	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Cyclohexane, 1-ethyl-2-methyl	*	3000	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Octane, 3,6-dimethyl-	*	4400	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	3-Hexene, 3-ethyl-2,5-dimethyl	*	3000	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Oxalic acid, butyl cyclohexylm	*	4300	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	n-propylbenzene	*	400	J	32.2	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	sec-Butylbenzene	*	960	J	29.1	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	n-Butylbenzene	*	680	J	64.0	220	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		40100				
			Total Concentration:		41100				
Client ID:	**END-OF-TRENCH**								
Q2600-11	END-OF-TRENCH SOIL		Cyclohexane		3800		46.0	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Methylcyclohexane		51500	E	53.0	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Toluene		93.9	J	45.4	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Ethyl Benzene		9800	E	39.0	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		m/p-Xylenes		930		72.2	580	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Isopropylbenzene		8300		45.4	290	ug/Kg
			Total Voc :		74400				
Q2600-11	END-OF-TRENCH SOIL		Heptane, 3-methyl-	*	16300	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		trans-1,2-Diethyl cyclopentane	*	19400	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Cyclohexane, ethyl-	*	19100	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Cyclohexane, propyl-	*	33200	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Octane, 2,6-dimethyl-	*	28400	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Heptane, 2,5-dimethyl-	*	17300	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Octane, 4-methyl-	*	20100	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Cyclohexane, 1,1,3-trimethyl-	*	16200	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		Octane, 2-methyl-	*	16800	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		unknown9.823	*	19400	J	0	0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		n-propylbenzene	*	35200	J	42.5	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		1,2,4-Trimethylbenzene	*	25900	J	37.3	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		sec-Butylbenzene	*	6300	J	38.5	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		p-Isopropyltoluene	*	1100	J	36.1	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL		n-Butylbenzene	*	8200	J	84.5	290	ug/Kg
			Total Tics :		283000				
			Total Concentration:		357000				
Client ID:	**END-OF-TRENCHDL**								
Q2600-11DL	END-OF-TRENCH SOIL		Cyclohexane		3400	JD	920	5800	ug/Kg
Q2600-11DL	END-OF-TRENCH SOIL		Methylcyclohexane		53000	D	1100	5800	ug/Kg
Q2600-11DL	END-OF-TRENCH SOIL		Ethyl Benzene		9800	D	780	5800	ug/Kg
Q2600-11DL	END-OF-TRENCH SOIL		Isopropylbenzene		8800	D	910	5800	ug/Kg
			Total Voc :		75000				
			Total Concentration:		75000				

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.2
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047011.D	1	07/15/25 18:31	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	62.6	U	62.6	270	ug/Kg
74-87-3	Chloromethane	62.6	U	62.6	270	ug/Kg
75-01-4	Vinyl Chloride	43.4	U	43.4	270	ug/Kg
74-83-9	Bromomethane	58.7	U	58.7	270	ug/Kg
75-00-3	Chloroethane	69.1	U	69.1	270	ug/Kg
75-69-4	Trichlorofluoromethane	66.4	U	66.4	270	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	58.2	U	58.2	270	ug/Kg
75-35-4	1,1-Dichloroethene	54.9	U	54.9	270	ug/Kg
67-64-1	Acetone	260	U	260	1400	ug/Kg
75-15-0	Carbon Disulfide	58.2	U	58.2	270	ug/Kg
1634-04-4	Methyl tert-butyl Ether	40.1	U	40.1	270	ug/Kg
79-20-9	Methyl Acetate	84.5	UQ	84.5	270	ug/Kg
75-09-2	Methylene Chloride	190	U	190	550	ug/Kg
156-60-5	trans-1,2-Dichloroethene	47.2	U	47.2	270	ug/Kg
75-34-3	1,1-Dichloroethane	43.9	U	43.9	270	ug/Kg
110-82-7	Cyclohexane	43.4	U	43.4	270	ug/Kg
78-93-3	2-Butanone	360	UQ	360	1400	ug/Kg
56-23-5	Carbon Tetrachloride	53.2	U	53.2	270	ug/Kg
156-59-2	cis-1,2-Dichloroethene	41.2	U	41.2	270	ug/Kg
74-97-5	Bromochloromethane	63.1	U	63.1	270	ug/Kg
67-66-3	Chloroform	46.1	U	46.1	270	ug/Kg
71-55-6	1,1,1-Trichloroethane	51.0	U	51.0	270	ug/Kg
108-87-2	Methylcyclohexane	280		49.9	270	ug/Kg
71-43-2	Benzene	43.4	U	43.4	270	ug/Kg
107-06-2	1,2-Dichloroethane	43.4	U	43.4	270	ug/Kg
79-01-6	Trichloroethene	44.5	U	44.5	270	ug/Kg
78-87-5	1,2-Dichloropropane	49.9	U	49.9	270	ug/Kg
75-27-4	Bromodichloromethane	42.8	U	42.8	270	ug/Kg
108-10-1	4-Methyl-2-Pentanone	200	UQ	200	1400	ug/Kg
108-88-3	Toluene	42.8	U	42.8	270	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.2
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047011.D	1	07/15/25 18:31	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	35.7	U	35.7	270	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	34.0	U	34.0	270	ug/Kg
79-00-5	1,1,2-Trichloroethane	50.5	U	50.5	270	ug/Kg
591-78-6	2-Hexanone	200	UQ	200	1400	ug/Kg
124-48-1	Dibromochloromethane	47.7	U	47.7	270	ug/Kg
106-93-4	1,2-Dibromoethane	48.3	U	48.3	270	ug/Kg
127-18-4	Tetrachloroethene	57.6	U	57.6	270	ug/Kg
108-90-7	Chlorobenzene	49.9	U	49.9	270	ug/Kg
100-41-4	Ethyl Benzene	36.8	U	36.8	270	ug/Kg
179601-23-1	m/p-Xylenes	68.1	U	68.1	550	ug/Kg
95-47-6	o-Xylene	45.0	U	45.0	270	ug/Kg
100-42-5	Styrene	39.0	U	39.0	270	ug/Kg
75-25-2	Bromoform	47.2	U	47.2	270	ug/Kg
98-82-8	Isopropylbenzene	280		42.8	270	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	66.4	U	66.4	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.8	U	93.8	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	85.6	U	85.6	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	79.6	U	79.6	270	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	UQ	100	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	160	U	160	270	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	170	U	170	270	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	47.6		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	342000	5.556			
540-36-3	1,4-Difluorobenzene	576000	6.763			
3114-55-4	Chlorobenzene-d5	518000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	226000	12.024			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.2
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047011.D	1	07/15/25 18:31	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
002051-30-1	Octane, 2,6-dimethyl-	5100	J		10.8	ug/Kg
000696-29-7	Cyclohexane, (1-methylethyl)-	7800	J		10.9	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	4700	J		11.2	ug/Kg
002207-04-7	Cyclohexane, 1,4-dimethyl-, trans-	4600	J		11.4	ug/Kg
1000383-25-7	unknown11.628	4500	J		11.6	ug/Kg
135-98-8	sec-Butylbenzene	1200	J		11.9	ug/Kg
000135-01-3	Benzene, 1,2-diethyl-	4500	J		12.2	ug/Kg
104-51-8	n-Butylbenzene	820	J		12.3	ug/Kg
1000309-68-4	Oxalic acid, cyclohexylmethyl octy	6100	J		12.4	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	7100	J		12.6	ug/Kg
003290-53-7	Benzene, (2-methyl-2-propenyl)-	5800	J		12.7	ug/Kg
000527-84-4	o-Cymene	6200	J		13.3	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.7
Sample Wt/Vol:	6.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047012.D	1	07/15/25 18:52	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	50.3	U	50.3	220	ug/Kg
74-87-3	Chloromethane	50.3	U	50.3	220	ug/Kg
75-01-4	Vinyl Chloride	34.9	U	34.9	220	ug/Kg
74-83-9	Bromomethane	47.2	U	47.2	220	ug/Kg
75-00-3	Chloroethane	55.6	U	55.6	220	ug/Kg
75-69-4	Trichlorofluoromethane	53.4	U	53.4	220	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	46.8	U	46.8	220	ug/Kg
75-35-4	1,1-Dichloroethene	44.1	U	44.1	220	ug/Kg
67-64-1	Acetone	210	U	210	1100	ug/Kg
75-15-0	Carbon Disulfide	46.8	U	46.8	220	ug/Kg
1634-04-4	Methyl tert-butyl Ether	32.2	U	32.2	220	ug/Kg
79-20-9	Methyl Acetate	67.9	UQ	67.9	220	ug/Kg
75-09-2	Methylene Chloride	160	U	160	440	ug/Kg
156-60-5	trans-1,2-Dichloroethene	37.9	U	37.9	220	ug/Kg
75-34-3	1,1-Dichloroethane	35.3	U	35.3	220	ug/Kg
110-82-7	Cyclohexane	46.1	J	34.9	220	ug/Kg
78-93-3	2-Butanone	290	UQ	290	1100	ug/Kg
56-23-5	Carbon Tetrachloride	42.8	U	42.8	220	ug/Kg
156-59-2	cis-1,2-Dichloroethene	33.1	U	33.1	220	ug/Kg
74-97-5	Bromochloromethane	50.7	U	50.7	220	ug/Kg
67-66-3	Chloroform	37.1	U	37.1	220	ug/Kg
71-55-6	1,1,1-Trichloroethane	41.0	U	41.0	220	ug/Kg
108-87-2	Methylcyclohexane	530		40.1	220	ug/Kg
71-43-2	Benzene	34.9	U	34.9	220	ug/Kg
107-06-2	1,2-Dichloroethane	34.9	U	34.9	220	ug/Kg
79-01-6	Trichloroethene	35.7	U	35.7	220	ug/Kg
78-87-5	1,2-Dichloropropane	40.1	U	40.1	220	ug/Kg
75-27-4	Bromodichloromethane	34.4	U	34.4	220	ug/Kg
108-10-1	4-Methyl-2-Pentanone	160	UQ	160	1100	ug/Kg
108-88-3	Toluene	34.4	U	34.4	220	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.7
Sample Wt/Vol:	6.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047012.D	1	07/15/25 18:52	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	28.7	U	28.7	220	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	27.4	U	27.4	220	ug/Kg
79-00-5	1,1,2-Trichloroethane	40.6	U	40.6	220	ug/Kg
591-78-6	2-Hexanone	160	UQ	160	1100	ug/Kg
124-48-1	Dibromochloromethane	38.4	U	38.4	220	ug/Kg
106-93-4	1,2-Dibromoethane	38.8	U	38.8	220	ug/Kg
127-18-4	Tetrachloroethene	46.3	U	46.3	220	ug/Kg
108-90-7	Chlorobenzene	40.1	U	40.1	220	ug/Kg
100-41-4	Ethyl Benzene	72.2	J	29.6	220	ug/Kg
179601-23-1	m/p-Xylenes	54.7	U	54.7	440	ug/Kg
95-47-6	o-Xylene	36.2	U	36.2	220	ug/Kg
100-42-5	Styrene	31.3	U	31.3	220	ug/Kg
75-25-2	Bromoform	37.9	U	37.9	220	ug/Kg
98-82-8	Isopropylbenzene	300		34.4	220	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	53.4	U	53.4	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	75.4	U	75.4	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	68.8	U	68.8	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	64.0	U	64.0	220	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	81.2	UQ	81.2	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	220	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	140	U	140	220	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		70 - 134	93%	SPK: 50
2037-26-5	Toluene-d8	47.8		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	341000	5.556			
540-36-3	1,4-Difluorobenzene	582000	6.763			
3114-55-4	Chlorobenzene-d5	519000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	234000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.7
Sample Wt/Vol:	6.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047012.D	1	07/15/25 18:52	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
004923-78-8	Cyclohexane, 1-ethyl-2-methyl-, tr	3000	J		10.6	ug/Kg
015869-94-0	Octane, 3,6-dimethyl-	4400	J		10.8	ug/Kg
000696-29-7	Cyclohexane, (1-methylethyl)-	6700	J		10.9	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	2900	J		11.2	ug/Kg
103-65-1	n-propylbenzene	400	J		11.3	ug/Kg
062338-08-3	3-Hexene, 3-ethyl-2,5-dimethyl-	3000	J		11.4	ug/Kg
135-98-8	sec-Butylbenzene	960	J		11.9	ug/Kg
000135-01-3	Benzene, 1,2-diethyl-	3000	J		12.2	ug/Kg
104-51-8	n-Butylbenzene	680	J		12.3	ug/Kg
1000309-68-2	Oxalic acid, butyl cyclohexylmethy	4300	J		12.4	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	4100	J		12.6	ug/Kg
000768-49-0	Benzene, (2-methyl-1-propenyl)-	3400	J		12.7	ug/Kg
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	3300	J		13.3	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.8
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047013.D	1	07/15/25 19:13	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	66.4	U	66.4	290	ug/Kg
74-87-3	Chloromethane	66.4	U	66.4	290	ug/Kg
75-01-4	Vinyl Chloride	46.0	U	46.0	290	ug/Kg
74-83-9	Bromomethane	62.3	U	62.3	290	ug/Kg
75-00-3	Chloroethane	73.4	U	73.4	290	ug/Kg
75-69-4	Trichlorofluoromethane	70.5	U	70.5	290	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	61.8	U	61.8	290	ug/Kg
75-35-4	1,1-Dichloroethene	58.3	U	58.3	290	ug/Kg
67-64-1	Acetone	280	U	280	1500	ug/Kg
75-15-0	Carbon Disulfide	61.8	U	61.8	290	ug/Kg
1634-04-4	Methyl tert-butyl Ether	42.5	U	42.5	290	ug/Kg
79-20-9	Methyl Acetate	89.7	UQ	89.7	290	ug/Kg
75-09-2	Methylene Chloride	210	U	210	580	ug/Kg
156-60-5	trans-1,2-Dichloroethene	50.1	U	50.1	290	ug/Kg
75-34-3	1,1-Dichloroethane	46.6	U	46.6	290	ug/Kg
110-82-7	Cyclohexane	3800		46.0	290	ug/Kg
78-93-3	2-Butanone	380	UQ	380	1500	ug/Kg
56-23-5	Carbon Tetrachloride	56.5	U	56.5	290	ug/Kg
156-59-2	cis-1,2-Dichloroethene	43.7	U	43.7	290	ug/Kg
74-97-5	Bromochloromethane	67.0	U	67.0	290	ug/Kg
67-66-3	Chloroform	48.9	U	48.9	290	ug/Kg
71-55-6	1,1,1-Trichloroethane	54.2	U	54.2	290	ug/Kg
108-87-2	Methylcyclohexane	51500	E	53.0	290	ug/Kg
71-43-2	Benzene	46.0	U	46.0	290	ug/Kg
107-06-2	1,2-Dichloroethane	46.0	U	46.0	290	ug/Kg
79-01-6	Trichloroethene	47.2	U	47.2	290	ug/Kg
78-87-5	1,2-Dichloropropane	53.0	U	53.0	290	ug/Kg
75-27-4	Bromodichloromethane	45.4	U	45.4	290	ug/Kg
108-10-1	4-Methyl-2-Pentanone	210	UQ	210	1500	ug/Kg
108-88-3	Toluene	93.9	J	45.4	290	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.8
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047013.D	1	07/15/25 19:13	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	37.9	U	37.9	290	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	36.1	U	36.1	290	ug/Kg
79-00-5	1,1,2-Trichloroethane	53.6	U	53.6	290	ug/Kg
591-78-6	2-Hexanone	210	UQ	210	1500	ug/Kg
124-48-1	Dibromochloromethane	50.7	U	50.7	290	ug/Kg
106-93-4	1,2-Dibromoethane	51.3	U	51.3	290	ug/Kg
127-18-4	Tetrachloroethene	61.2	U	61.2	290	ug/Kg
108-90-7	Chlorobenzene	53.0	U	53.0	290	ug/Kg
100-41-4	Ethyl Benzene	9800	E	39.0	290	ug/Kg
179601-23-1	m/p-Xylenes	930		72.2	580	ug/Kg
95-47-6	o-Xylene	47.8	U	47.8	290	ug/Kg
100-42-5	Styrene	41.4	U	41.4	290	ug/Kg
75-25-2	Bromoform	50.1	U	50.1	290	ug/Kg
98-82-8	Isopropylbenzene	8300		45.4	290	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	70.5	U	70.5	290	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.6	U	99.6	290	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.9	U	90.9	290	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	290	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	110	UQ	110	290	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	170	U	170	290	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	190	U	190	290	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	46.7		74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.2		17 - 146	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	301000	5.556			
540-36-3	1,4-Difluorobenzene	484000	6.763			
3114-55-4	Chlorobenzene-d5	369000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	181000	12.024			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.8
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047013.D	1	07/15/25 19:13	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000589-81-1	Heptane, 3-methyl-	16300	J		8.44	ug/Kg
003221-61-2	Octane, 2-methyl-	16800	J		9.38	ug/Kg
002216-30-0	Heptane, 2,5-dimethyl-	17300	J		9.50	ug/Kg
001678-91-7	Cyclohexane, ethyl-	19100	J		9.56	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	16200	J		9.62	ug/Kg
007094-26-0	unknown9.823	19400	J		9.82	ug/Kg
002216-34-4	Octane, 4-methyl-	20100	J		9.90	ug/Kg
000932-40-1	trans-1,2-Diethyl cyclopentane	19400	J		10.6	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	28400	J		10.8	ug/Kg
001678-92-8	Cyclohexane, propyl-	33200	J		10.9	ug/Kg
103-65-1	n-propylbenzene	35200	J		11.3	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	25900	J		11.8	ug/Kg
135-98-8	sec-Butylbenzene	6300	J		11.9	ug/Kg
99-87-6	p-Isopropyltoluene	1100	J		12.0	ug/Kg
104-51-8	n-Butylbenzene	8200	J		12.3	ug/Kg

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A = Aldol-Condensation Reaction Products

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-11DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.8
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047021.D	20	07/16/25 11:50	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1300	UD	1300	5800	ug/Kg
74-87-3	Chloromethane	1300	UD	1300	5800	ug/Kg
75-01-4	Vinyl Chloride	920	UD	920	5800	ug/Kg
74-83-9	Bromomethane	1200	UD	1200	5800	ug/Kg
75-00-3	Chloroethane	1500	UD	1500	5800	ug/Kg
75-69-4	Trichlorofluoromethane	1400	UD	1400	5800	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1200	UD	1200	5800	ug/Kg
75-35-4	1,1-Dichloroethene	1200	UD	1200	5800	ug/Kg
67-64-1	Acetone	5500	UD	5500	29100	ug/Kg
75-15-0	Carbon Disulfide	1200	UD	1200	5800	ug/Kg
1634-04-4	Methyl tert-butyl Ether	850	UD	850	5800	ug/Kg
79-20-9	Methyl Acetate	1800	UDQ	1800	5800	ug/Kg
75-09-2	Methylene Chloride	4100	UD	4100	11700	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1000	UD	1000	5800	ug/Kg
75-34-3	1,1-Dichloroethane	930	UD	930	5800	ug/Kg
110-82-7	Cyclohexane	3400	JD	920	5800	ug/Kg
78-93-3	2-Butanone	7600	UDQ	7600	29100	ug/Kg
56-23-5	Carbon Tetrachloride	1100	UD	1100	5800	ug/Kg
156-59-2	cis-1,2-Dichloroethene	870	UD	870	5800	ug/Kg
74-97-5	Bromochloromethane	1300	UD	1300	5800	ug/Kg
67-66-3	Chloroform	980	UD	980	5800	ug/Kg
71-55-6	1,1,1-Trichloroethane	1100	UD	1100	5800	ug/Kg
108-87-2	Methylcyclohexane	53000	D	1100	5800	ug/Kg
71-43-2	Benzene	920	UD	920	5800	ug/Kg
107-06-2	1,2-Dichloroethane	920	UD	920	5800	ug/Kg
79-01-6	Trichloroethene	940	UD	940	5800	ug/Kg
78-87-5	1,2-Dichloropropane	1100	UD	1100	5800	ug/Kg
75-27-4	Bromodichloromethane	910	UD	910	5800	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4200	UD	4200	29100	ug/Kg
108-88-3	Toluene	910	UD	910	5800	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-11DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.8
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047021.D	20	07/16/25 11:50	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	760	UD	760	5800	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	720	UD	720	5800	ug/Kg
79-00-5	1,1,2-Trichloroethane	1100	UD	1100	5800	ug/Kg
591-78-6	2-Hexanone	4300	UDQ	4300	29100	ug/Kg
124-48-1	Dibromochloromethane	1000	UD	1000	5800	ug/Kg
106-93-4	1,2-Dibromoethane	1000	UD	1000	5800	ug/Kg
127-18-4	Tetrachloroethene	1200	UD	1200	5800	ug/Kg
108-90-7	Chlorobenzene	1100	UD	1100	5800	ug/Kg
100-41-4	Ethyl Benzene	9800	D	780	5800	ug/Kg
179601-23-1	m/p-Xylenes	1400	UD	1400	11700	ug/Kg
95-47-6	o-Xylene	960	UD	960	5800	ug/Kg
100-42-5	Styrene	830	UD	830	5800	ug/Kg
75-25-2	Bromoform	1000	UD	1000	5800	ug/Kg
98-82-8	Isopropylbenzene	8800	D	910	5800	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1400	UD	1400	5800	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000	UD	2000	5800	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800	UD	1800	5800	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700	UD	1700	5800	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2100	UD	2100	5800	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3500	UD	3500	5800	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3700	UD	3700	5800	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	47.6		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	321000	5.562			
540-36-3	1,4-Difluorobenzene	537000	6.769			
3114-55-4	Chlorobenzene-d5	482000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	237000	12.018			

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-11DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.8
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047021.D	20	07/16/25 11:50	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-03	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2600-04	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP VOA	8260D			07/16/25	
Q2600-07	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2600-08	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP VOA	8260D			07/16/25	
Q2600-11	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2600-11DL	**END-OF-TRENCHDL**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/16/25	
Q2600-12	**END-OF-TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP VOA	8260D			07/16/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**TRENCH**							
Q2600-04	TRENCH	TCLP	2-Butanone	5.70	JQ	0.98	25.0	ug/L
			Total Voc :	5.70				
			Total Concentration:	5.70				
Client ID:	**STOCK-PILE**							
Q2600-08	STOCK-PILE	TCLP	2-Butanone	6.60	JQ	0.98	25.0	ug/L
			Total Voc :	6.60				
			Total Concentration:	6.60				
Client ID:	**END-OF-TRENCH**							
Q2600-12	END-OF-TRENCH	TCLP	2-Butanone	7.00	JQ	0.98	25.0	ug/L
Q2600-12	END-OF-TRENCH	TCLP	Benzene	1.20	J	0.15	5.00	ug/L
			Total Voc :	8.20				
			Total Concentration:	8.20				

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-04	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047026.D	1	07/16/25 13:42	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	5.70	JQ	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	50.0		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	5.562			
540-36-3	1,4-Difluorobenzene	802000	6.769			
3114-55-4	Chlorobenzene-d5	756000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	387000	12.018			

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-08	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047027.D	1	07/16/25 14:03	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	6.60	JQ	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	467000	5.568			
540-36-3	1,4-Difluorobenzene	838000	6.769			
3114-55-4	Chlorobenzene-d5	804000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	413000	12.018			

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-12	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047028.D	1	07/16/25 14:24	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	7.00	JQ	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	1.20	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	368000	5.568			
540-36-3	1,4-Difluorobenzene	639000	6.769			
3114-55-4	Chlorobenzene-d5	581000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	283000	12.018			

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-03	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2600-04	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP VOA	8260D			07/16/25	
Q2600-07	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2600-08	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP VOA	8260D			07/16/25	
Q2600-11	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2600-11DL	**END-OF-TRENCHDL**	**SOIL**			**07/14/25**			**07/14/25**
			VOC-TCLVOA-10	8260D			07/16/25	
Q2600-12	**END-OF-TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP VOA	8260D			07/16/25	

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	75.5 Decanted:
Sample Wt/Vol:	6.4 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032137.D	50	07/16/25 12:57	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	38900		427	2330	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	24.0		50 - 150	120%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.1 Decanted:
Sample Wt/Vol:	5.52 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032141.D	250	07/16/25 15:34	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	98000		2280	12400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	59.1	*	50 - 150	296%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.2 Decanted:
Sample Wt/Vol:	5.41 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032140.D	500	07/16/25 14:38	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	191000		4480	24500	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.6		50 - 150	103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	**TRENCHRE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	**STOCK-PILERE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	

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LAB CHRONICLE

			Pesticide-TCL	8081B		07/15/25	07/15/25
			EPH	NJEPH		07/16/25	07/16/25
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09RE	**END-OF-TRENCHRE**	**SOIL**			**07/14/25**		**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/17/25

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Hit Summary Sheet
SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : TRENCH									
Q2600-01	TRENCH	SOIL	Phenanthrene		450.000		27.6	220	ug/Kg
Q2600-01	TRENCH	SOIL	Anthracene		140.000	J	44	220	ug/Kg
Q2600-01	TRENCH	SOIL	Fluoranthene		400.000		39.6	220	ug/Kg
Q2600-01	TRENCH	SOIL	Pyrene		370.000		47.6	220	ug/Kg
Q2600-01	TRENCH	SOIL	Butylbenzylphthalate		340.000		94.3	220	ug/Kg
Q2600-01	TRENCH	SOIL	Benzo(a)anthracene		210.000	J	30.4	220	ug/Kg
Q2600-01	TRENCH	SOIL	Chrysene		180.000	J	26.3	220	ug/Kg
Q2600-01	TRENCH	SOIL	Bis(2-ethylhexyl)phthalate		120.000	J	78.2	220	ug/Kg
Q2600-01	TRENCH	SOIL	Benzo(b)fluoranthene		230.000		25.1	220	ug/Kg
Q2600-01	TRENCH	SOIL	Benzo(a)pyrene		180.000	J	39	220	ug/Kg
Q2600-01	TRENCH	SOIL	Indeno(1,2,3-cd)pyrene		91.500	J	38.4	220	ug/Kg
Q2600-01	TRENCH	SOIL	Benzo(g,h,i)perylene		100.000	J	33.9	220	ug/Kg
			Total Svoc :		**2,811.50**				
Q2600-01	TRENCH	SOIL	Benzene, 1,4-diethyl-	*	430.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Benzene, 1-ethyl-3,5-dimethyl-	*	580.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	2-Bromotetradecane	*	680.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Adamantane	*	950.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Cyclohexane, 1-methyl-2-propyl-	*	550.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Cyclohexane, 1-methyl-3-propyl-	*	490.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Cyclohexane, butyl-	*	1,100.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Cyclohexane, propyl-	*	490.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Cyclooctanemethanol	*	370.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Tetratetracontane	*	580.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	trans-Decalin, 2-methyl-	*	500.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Tridecane, 5-propyl-	*	430.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Undecane, 2,9-dimethyl-	*	410.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	unknown7.531	*	360.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	unknown8.002	*	660.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	unknown8.637	*	440.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Naphthalene, decahydro-	*	720.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Naphthalene, decahydro-2-methyl	*	660.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Heptane, 2,4-dimethyl-	*	510.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	Heptane, 3-ethyl-5-methyl-	*	490.000	J	0	0	ug/Kg
Q2600-01	TRENCH	SOIL	1-Methylnaphthalene	*	260.000	J	34.1	220	ug/Kg
			Total Tics :		**11,660.00**				
			Total Concentration:		**14,471.50**				

Client ID : STOCK-PILE

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Hit Summary Sheet
SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2600-05	STOCK-PILE	SOIL	Butylbenzylphthalate		240.000		86.8	210	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Bis(2-ethylhexyl)phthalate		110.000	J	72	210	ug/Kg
			Total Svoc :		**350.00**				
Q2600-05	STOCK-PILE	SOIL	Benzene, 1,2,3,4-tetramethyl-	*	510.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Benzene, 1,2,3,5-tetramethyl-	*	330.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Benzene, 1,3-diethyl-	*	350.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Benzene, 1-ethyl-3-(1-methylethy	*	400.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	1H-Indene, 2,3-dihydro-1,1-dimet	*	330.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclohexane, 1-methyl-3-(1-meth	*	440.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclohexane, butyl-	*	960.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclohexane, propyl-	*	410.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclooctanemethanol	*	300.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclopentane, 3-hexyl-1,1-dimeth	*	620.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Eicosane	*	420.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Ethanone, 1-(1-methylcyclohexyl)	*	430.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Hexadecane, 2,6,10,14-tetramethy	*	420.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Naphthalene, decahydro-	*	580.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Naphthalene, decahydro-2-methyl	*	460.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	n-Hexadecanoic acid	*	550.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Octane, 2,6-dimethyl-	*	400.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Oxalic acid, isobutyl nonyl ester	*	380.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Tridecane, 5-propyl-	*	320.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	unknown8.631	*	380.000	J	0	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	1-Methylnaphthalene	*	220.000	J	31.4	210	ug/Kg
			Total Tics :		**9,210.00**				
			Total Concentration:		**9,560.00**				

Client ID : END-OF-TRENCH

Q2600-09	END-OF-TRENCH	SOIL	Naphthalene		380.000		26.6	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	2-Methylnaphthalene		120.000	J	30	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Fluorene		92.900	J	29.7	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Phenanthrene		540.000		24.5	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Anthracene		110.000	J	39	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Fluoranthene		700.000		35.2	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Pyrene		710.000		42.2	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Butylbenzylphthalate		620.000		83.7	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(a)anthracene		330.000		27	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Chrysene		350.000		23.3	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Bis(2-ethylhexyl)phthalate		1,300.000		69.4	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(b)fluoranthene		360.000		22.3	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(k)fluoranthene		130.000	J	26.3	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2600-09	END-OF-TRENCH	SOIL	Benzo(a)pyrene		290.000		34.6	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Indeno(1,2,3-cd)pyrene		170.000	J	34.1	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(g,h,i)perylene		180.000	J	30.1	200	ug/Kg
			Total Svoc :		**6,382.90**				
Q2600-09	END-OF-TRENCH	SOIL	1-Methylnaphthalene	*	310.000	J	30.3	200	ug/Kg
			Total Tics :		**310.00**				
			Total Concentration:		**6,692.90**				

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	U	210	440	ug/Kg
108-95-2	Phenol	29.2	U	29.2	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	32.1	U	32.1	220	ug/Kg
95-57-8	2-Chlorophenol	32.2	U	32.2	220	ug/Kg
95-48-7	2-Methylphenol	39.5	U	39.5	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49.5	U	49.5	220	ug/Kg
98-86-2	Acetophenone	39.0	U	39.0	220	ug/Kg
65794-96-9	3+4-Methylphenols	54.3	U	54.3	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	62.6	U	62.6	110	ug/Kg
67-72-1	Hexachloroethane	23.2	U	23.2	220	ug/Kg
98-95-3	Nitrobenzene	24.2	U	24.2	220	ug/Kg
78-59-1	Isophorone	43.3	U	43.3	220	ug/Kg
88-75-5	2-Nitrophenol	76.9	U	76.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	85.6	U	85.6	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	40.7	U	40.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	37.4	U	37.4	220	ug/Kg
91-20-3	Naphthalene	30.0	U	30.0	220	ug/Kg
106-47-8	4-Chloroaniline	46.8	U	46.8	220	ug/Kg
87-68-3	Hexachlorobutadiene	33.4	U	33.4	220	ug/Kg
105-60-2	Caprolactam	68.8	U	68.8	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37.9	U	37.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	33.8	U	33.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26.2	U	26.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38.4	U	38.4	220	ug/Kg
92-52-4	1,1-Biphenyl	28.8	U	28.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	29.7	U	29.7	220	ug/Kg
88-74-4	2-Nitroaniline	63.5	U	63.5	220	ug/Kg
131-11-3	Dimethylphthalate	35.8	U	35.8	220	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	38.2	U	38.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	44.4	U	44.4	220	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	220	ug/Kg
83-32-9	Acenaphthene	28.1	U	28.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	440	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	440	ug/Kg
132-64-9	Dibenzofuran	30.0	U	30.0	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	66.2	U	66.2	220	ug/Kg
84-66-2	Diethylphthalate	37.4	U	37.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35.3	U	35.3	220	ug/Kg
86-73-7	Fluorene	33.4	U	33.4	220	ug/Kg
100-01-6	4-Nitroaniline	84.8	UQ	84.8	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	43.5	U	43.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36.7	U	36.7	220	ug/Kg
118-74-1	Hexachlorobenzene	33.4	U	33.4	220	ug/Kg
1912-24-9	Atrazine	44.9	U	44.9	220	ug/Kg
87-86-5	Pentachlorophenol	67.8	U	67.8	440	ug/Kg
85-01-8	Phenanthrene	450		27.6	220	ug/Kg
120-12-7	Anthracene	140	J	44.0	220	ug/Kg
86-74-8	Carbazole	41.2	U	41.2	220	ug/Kg
84-74-2	Di-n-butylphthalate	63.3	U	63.3	220	ug/Kg
206-44-0	Fluoranthene	400		39.6	220	ug/Kg
129-00-0	Pyrene	370		47.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	340		94.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48.5	U	48.5	440	ug/Kg
56-55-3	Benzo(a)anthracene	210	J	30.4	220	ug/Kg
218-01-9	Chrysene	180	J	26.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	78.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	230		25.1	220	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	29.6	U	29.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	39.0	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.5	J	38.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36.2	U	36.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	33.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33.8	U	33.8	220	ug/Kg
123-91-1	1,4-Dioxane	59.7	U	59.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36.2	U	36.2	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.1		18 - 112	49%	SPK: 150
13127-88-3	Phenol-d6	71.8		15 - 107	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.2		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.0		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.1		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	52.5		10 - 105	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	671000	7.437			
1146-65-2	Naphthalene-d8	2630000	10.19			
15067-26-2	Acenaphthene-d10	1650000	14.095			
1517-22-2	Phenanthrene-d10	3020000	16.931			
1719-03-5	Chrysene-d12	2700000	21.366			
1520-96-3	Perylene-d12	3370000	24.513			
TENTATIVE IDENTIFIED COMPOUNDS						
001678-92-8	Cyclohexane, propyl-	490	J		6.13	ug/Kg
004291-80-9	Cyclohexane, 1-methyl-3-propyl-	490	J		6.96	ug/Kg
004291-79-6	Cyclohexane, 1-methyl-2-propyl-	550	J		7.03	ug/Kg
003637-63-6	Cyclooctanemethanol	370	J		7.15	ug/Kg
	unknown7.531	360	J		7.53	ug/Kg
007098-22-8	Tetratetracontane	580	J		7.66	ug/Kg
001678-93-9	Cyclohexane, butyl-	1100	J		7.74	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000105-05-5	Benzene, 1,4-diethyl-	430	J		7.94	ug/Kg
	unknown8.002	660	J		8.00	ug/Kg
017301-26-7	Undecane, 2,9-dimethyl-	410	J		8.13	ug/Kg
000091-17-8	Naphthalene, decahydro-	720	J		8.26	ug/Kg
002213-23-2	Heptane, 2,4-dimethyl-	510	J		8.32	ug/Kg
	unknown8.637	440	J		8.64	ug/Kg
000281-23-2	Adamantane	950	J		8.78	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	500	J		9.14	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	660	J		9.39	ug/Kg
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	580	J		9.61	ug/Kg
052896-90-9	Heptane, 3-ethyl-5-methyl-	490	J		11.3	ug/Kg
90-12-0	1-Methylnaphthalene	260	J		12.1	ug/Kg
055045-11-9	Tridecane, 5-propyl-	430	J		15.9	ug/Kg
074036-95-6	2-Bromotetradecane	680	J		16.8	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	400	ug/Kg
108-95-2	Phenol	26.9	U	26.9	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	29.5	U	29.5	210	ug/Kg
95-57-8	2-Chlorophenol	29.7	U	29.7	210	ug/Kg
95-48-7	2-Methylphenol	36.3	U	36.3	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45.6	U	45.6	210	ug/Kg
98-86-2	Acetophenone	35.9	U	35.9	210	ug/Kg
65794-96-9	3+4-Methylphenols	50.0	U	50.0	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	57.6	U	57.6	97.2	ug/Kg
67-72-1	Hexachloroethane	21.4	U	21.4	210	ug/Kg
98-95-3	Nitrobenzene	22.2	U	22.2	210	ug/Kg
78-59-1	Isophorone	39.9	U	39.9	210	ug/Kg
88-75-5	2-Nitrophenol	70.7	U	70.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	78.8	U	78.8	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	37.4	U	37.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	34.4	U	34.4	210	ug/Kg
91-20-3	Naphthalene	27.6	U	27.6	210	ug/Kg
106-47-8	4-Chloroaniline	43.0	U	43.0	210	ug/Kg
87-68-3	Hexachlorobutadiene	30.8	U	30.8	210	ug/Kg
105-60-2	Caprolactam	63.3	U	63.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.9	U	34.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	31.1	U	31.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24.1	U	24.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35.4	U	35.4	210	ug/Kg
92-52-4	1,1-Biphenyl	26.5	U	26.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	27.4	U	27.4	210	ug/Kg
88-74-4	2-Nitroaniline	58.5	U	58.5	210	ug/Kg
131-11-3	Dimethylphthalate	32.9	U	32.9	210	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	35.1	U	35.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.8	U	40.8	210	ug/Kg
99-09-2	3-Nitroaniline	55.9	U	55.9	210	ug/Kg
83-32-9	Acenaphthene	25.9	U	25.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	400	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	400	ug/Kg
132-64-9	Dibenzofuran	27.6	U	27.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.9	U	60.9	210	ug/Kg
84-66-2	Diethylphthalate	34.4	U	34.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32.5	U	32.5	210	ug/Kg
86-73-7	Fluorene	30.8	U	30.8	210	ug/Kg
100-01-6	4-Nitroaniline	78.0	UQ	78.0	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	40.0	U	40.0	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.8	U	33.8	210	ug/Kg
118-74-1	Hexachlorobenzene	30.8	U	30.8	210	ug/Kg
1912-24-9	Atrazine	41.3	U	41.3	210	ug/Kg
87-86-5	Pentachlorophenol	62.4	U	62.4	400	ug/Kg
85-01-8	Phenanthrene	25.4	U	25.4	210	ug/Kg
120-12-7	Anthracene	40.5	U	40.5	210	ug/Kg
86-74-8	Carbazole	37.9	U	37.9	210	ug/Kg
84-74-2	Di-n-butylphthalate	58.2	U	58.2	210	ug/Kg
206-44-0	Fluoranthene	36.5	U	36.5	210	ug/Kg
129-00-0	Pyrene	43.8	U	43.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	240		86.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44.6	U	44.6	400	ug/Kg
56-55-3	Benzo(a)anthracene	28.0	U	28.0	210	ug/Kg
218-01-9	Chrysene	24.2	U	24.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	72.0	210	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.1	U	23.1	210	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	27.2	U	27.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.9	U	35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.4	U	35.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33.3	U	33.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.2	U	31.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31.1	U	31.1	210	ug/Kg
123-91-1	1,4-Dioxane	54.9	U	54.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33.3	U	33.3	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.7		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	82.0		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.8		18 - 107	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.9		20 - 109	57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	68%	SPK: 150
1718-51-0	Terphenyl-d14	62.2		10 - 105	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	626000	7.443			
1146-65-2	Naphthalene-d8	2410000	10.19			
15067-26-2	Acenaphthene-d10	1560000	14.095			
1517-22-2	Phenanthrene-d10	2690000	16.913			
1719-03-5	Chrysene-d12	2690000	21.354			
1520-96-3	Perylene-d12	3310000	24.507			
TENTATIVE IDENTIFIED COMPOUNDS						
001678-92-8	Cyclohexane, propyl-	410	J		6.13	ug/Kg
002890-62-2	Ethanone, 1-(1-methylcyclohexyl)-	430	J		6.96	ug/Kg
016580-24-8	Cyclohexane, 1-methyl-3-(1-methyle	440	J		7.03	ug/Kg
003637-63-6	Cyclooctanemethanol	300	J		7.15	ug/Kg
000112-95-8	Eicosane	420	J		7.65	ug/Kg
001678-93-9	Cyclohexane, butyl-	960	J		7.74	ug/Kg
000141-93-5	Benzene, 1,3-diethyl-	350	J		7.94	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
061142-65-2	Cyclopentane, 3-hexyl-1,1-dimethyl	620	J		8.00	ug/Kg
1010309-37-4	Oxalic acid, isobutyl nonyl ester	380	J		8.14	ug/Kg
000091-17-8	Naphthalene, decahydro-	580	J		8.26	ug/Kg
	unknown8.631	380	J		8.63	ug/Kg
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	400	J		8.77	ug/Kg
004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethy	330	J		8.88	ug/Kg
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	330	J		9.05	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	460	J		9.14	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	510	J		9.61	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	400	J		11.3	ug/Kg
90-12-0	1-Methylnaphthalene	220	J		12.1	ug/Kg
055045-11-9	Tridecane, 5-propyl-	320	J		15.9	ug/Kg
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	420	J		16.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	550	J		17.9	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	25.9	U	25.9	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.5	U	28.5	200	ug/Kg
95-57-8	2-Chlorophenol	28.6	U	28.6	200	ug/Kg
95-48-7	2-Methylphenol	35.1	U	35.1	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.0	U	44.0	200	ug/Kg
98-86-2	Acetophenone	34.6	U	34.6	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.2	U	48.2	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	55.6	93.8	ug/Kg
67-72-1	Hexachloroethane	20.6	U	20.6	200	ug/Kg
98-95-3	Nitrobenzene	21.5	U	21.5	200	ug/Kg
78-59-1	Isophorone	38.5	U	38.5	200	ug/Kg
88-75-5	2-Nitrophenol	68.2	U	68.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.0	U	76.0	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	36.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.2	U	33.2	200	ug/Kg
91-20-3	Naphthalene	380		26.6	200	ug/Kg
106-47-8	4-Chloroaniline	41.5	U	41.5	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.7	U	29.7	200	ug/Kg
105-60-2	Caprolactam	61.1	U	61.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.7	U	33.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	30.0	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.2	U	23.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.1	U	34.1	200	ug/Kg
92-52-4	1,1-Biphenyl	25.6	U	25.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.4	U	26.4	200	ug/Kg
88-74-4	2-Nitroaniline	56.4	U	56.4	200	ug/Kg
131-11-3	Dimethylphthalate	31.8	U	31.8	200	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.9	U	33.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.4	U	39.4	200	ug/Kg
99-09-2	3-Nitroaniline	53.9	U	53.9	200	ug/Kg
83-32-9	Acenaphthene	25.0	U	25.0	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.6	U	26.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	200	ug/Kg
84-66-2	Diethylphthalate	33.2	U	33.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	31.3	200	ug/Kg
86-73-7	Fluorene	92.9	J	29.7	200	ug/Kg
100-01-6	4-Nitroaniline	75.3	UQ	75.3	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.6	U	38.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.6	U	32.6	200	ug/Kg
118-74-1	Hexachlorobenzene	29.7	U	29.7	200	ug/Kg
1912-24-9	Atrazine	39.9	U	39.9	200	ug/Kg
87-86-5	Pentachlorophenol	60.2	U	60.2	390	ug/Kg
85-01-8	Phenanthrene	540		24.5	200	ug/Kg
120-12-7	Anthracene	110	J	39.0	200	ug/Kg
86-74-8	Carbazole	36.6	U	36.6	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.2	U	56.2	200	ug/Kg
206-44-0	Fluoranthene	700		35.2	200	ug/Kg
129-00-0	Pyrene	710		42.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	620		83.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.0	U	43.0	390	ug/Kg
56-55-3	Benzo(a)anthracene	330		27.0	200	ug/Kg
218-01-9	Chrysene	350		23.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		69.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		22.3	200	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	130	J	26.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	290		34.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	34.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.1	U	32.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	30.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	30.0	200	ug/Kg
123-91-1	1,4-Dioxane	53.0	U	53.0	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	32.1	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	84.0		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	75.6		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.0		18 - 107	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.1		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.6		10 - 116	60%	SPK: 150
1718-51-0	Terphenyl-d14	56.9		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	582000	7.449			
1146-65-2	Naphthalene-d8	2490000	10.196			
15067-26-2	Acenaphthene-d10	1630000	14.101			
1517-22-2	Phenanthrene-d10	2980000	16.919			
1719-03-5	Chrysene-d12	2660000	21.354			
1520-96-3	Perylene-d12	3260000	24.501			
TENTATIVE IDENTIFIED COMPOUNDS						
90-12-0	1-Methylnaphthalene	310	J		12.1	ug/Kg

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			SVOC-TCL BNA -20	8270E		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP BNA	8270E		07/16/25	07/16/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			SVOC-TCL BNA -20	8270E		07/15/25	07/16/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP BNA	8270E		07/16/25	07/16/25	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			SVOC-TCL BNA -20	8270E		07/15/25	07/16/25	
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP BNA	8270E		07/16/25	07/17/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :		**0.00**			
			Total Concentration:		**0.00**			

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/16/25
Project:	Kingsland Point Park Water Main	Date Received:	07/16/25
Client Sample ID:	PB168847TB	SDG No.:	Q2600
Lab Sample ID:	PB168847TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143120.D	1	07/16/25 10:14	07/16/25 21:09	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	115		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	114		10 - 134	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.0		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.8		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	84.3		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.963			
1146-65-2	Naphthalene-d8	521000	8.245			
15067-26-2	Acenaphthene-d10	267000	10.004			
1517-22-2	Phenanthrene-d10	451000	11.486			
1719-03-5	Chrysene-d12	236000	14.127			
1520-96-3	Perylene-d12	211000	15.633			

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/16/25
Project:	Kingsland Point Park Water Main	Date Received:	07/16/25
Client Sample ID:	PB168847TB	SDG No.:	Q2600
Lab Sample ID:	PB168847TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143120.D	1	07/16/25 10:14	07/16/25 21:09	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143124.D	1	07/16/25 10:14	07/16/25 23:08	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	106		23 - 138	70%	SPK: 150
13127-88-3	Phenol-d6	98.4		10 - 134	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.9		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	79.0		42 - 152	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.969			
1146-65-2	Naphthalene-d8	535000	8.245			
15067-26-2	Acenaphthene-d10	275000	10.004			
1517-22-2	Phenanthrene-d10	455000	11.486			
1719-03-5	Chrysene-d12	247000	14.127			
1520-96-3	Perylene-d12	252000	15.633			

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143124.D	1	07/16/25 10:14	07/16/25 23:08	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143125.D	1	07/16/25 10:14	07/16/25 23:37	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	102		23 - 138	68%	SPK: 150
13127-88-3	Phenol-d6	94.9		10 - 134	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.8		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.0		52 - 132	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	78.2		42 - 152	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.969			
1146-65-2	Naphthalene-d8	519000	8.245			
15067-26-2	Acenaphthene-d10	263000	9.998			
1517-22-2	Phenanthrene-d10	431000	11.486			
1719-03-5	Chrysene-d12	226000	14.127			
1520-96-3	Perylene-d12	242000	15.633			

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143125.D	1	07/16/25 10:14	07/16/25 23:37	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143126.D	1	07/16/25 10:14	07/17/25 00:07	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	108		23 - 138	72%	SPK: 150
13127-88-3	Phenol-d6	99.1		10 - 134	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.3		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.8		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	79.8		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.969			
1146-65-2	Naphthalene-d8	525000	8.245			
15067-26-2	Acenaphthene-d10	267000	9.998			
1517-22-2	Phenanthrene-d10	445000	11.486			
1719-03-5	Chrysene-d12	246000	14.121			
1520-96-3	Perylene-d12	243000	15.633			

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143126.D	1	07/16/25 10:14	07/17/25 00:07	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			SVOC-TCL BNA -20	8270E		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP BNA	8270E		07/16/25	07/16/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			SVOC-TCL BNA -20	8270E		07/15/25	07/16/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP BNA	8270E		07/16/25	07/16/25	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			SVOC-TCL BNA -20	8270E		07/15/25	07/16/25	
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP BNA	8270E		07/16/25	07/17/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2600 **Order ID:** Q2600

Client: T&A Construction Inc **Project ID:** Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-01	TRENCH	SOIL	Heptachlor epoxide	0.37	J	0.25	2.20	ug/kg
Q2600-01	TRENCH	SOIL	Dieldrin	0.44	JP	0.19	2.20	ug/kg
Q2600-01	TRENCH	SOIL	4,4-DDE	1.10	JP	0.19	2.20	ug/kg
			Total Concentration:	**1.910**				
Client ID : STOCK-PILE								
Q2600-05	STOCK-PILE	SOIL	delta-BHC	1.20	J	0.47	2.10	ug/kg
Q2600-05	STOCK-PILE	SOIL	4,4-DDD	1.50	JP	0.18	2.10	ug/kg
			Total Concentration:	**2.700**				
Client ID : END-OF-TRENCH								
Q2600-09	END-OF-TRENCH	SOIL	alpha-Chlordane	3.00		0.14	2.00	ug/kg
Q2600-09	END-OF-TRENCH	SOIL	gamma-Chlordane	2.10	P	0.18	2.00	ug/kg
			Total Concentration:	**5.100**				

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	75.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089643.D	1	07/15/25 08:40	07/28/25 13:33	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.17	U	0.17	2.20	ug/kg
319-85-7	beta-BHC	0.24	U	0.24	2.20	ug/kg
319-86-8	delta-BHC	0.52	U	0.52	2.20	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	2.20	ug/kg
76-44-8	Heptachlor	0.16	U	0.16	2.20	ug/kg
309-00-2	Aldrin	0.16	U	0.16	2.20	ug/kg
1024-57-3	Heptachlor epoxide	0.37	J	0.25	2.20	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	2.20	ug/kg
60-57-1	Dieldrin	0.44	JP	0.19	2.20	ug/kg
72-55-9	4,4-DDE	1.10	JP	0.19	2.20	ug/kg
72-20-8	Endrin	0.19	U	0.19	2.20	ug/kg
33213-65-9	Endosulfan II	0.38	U	0.38	2.20	ug/kg
72-54-8	4,4-DDD	0.20	U	0.20	2.20	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.20	ug/kg
50-29-3	4,4-DDT	0.19	U	0.19	2.20	ug/kg
72-43-5	Methoxychlor	0.49	U	0.49	2.20	ug/kg
53494-70-5	Endrin ketone	0.25	U	0.25	2.20	ug/kg
7421-93-4	Endrin aldehyde	0.49	U	0.49	2.20	ug/kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	2.20	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	2.20	ug/kg
8001-35-2	Toxaphene	7.20	U	7.20	43.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.7		20 - 144	53%	SPK: 20
877-09-8	Tetrachloro-m-xylene	8.39		19 - 148	42%	SPK: 20

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	75.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089643.D	1	07/15/25 08:40	07/28/25 13:33	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089644.D	1	07/15/25 08:40	07/28/25 13:46	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.16	U	0.16	2.10	ug/kg
319-85-7	beta-BHC	0.22	U	0.22	2.10	ug/kg
319-86-8	delta-BHC	1.20	J	0.47	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.10	ug/kg
76-44-8	Heptachlor	0.15	U	0.15	2.10	ug/kg
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	2.10	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.10	ug/kg
33213-65-9	Endosulfan II	0.35	U	0.35	2.10	ug/kg
72-54-8	4,4-DDD	1.50	JP	0.18	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
72-43-5	Methoxychlor	0.45	U	0.45	2.10	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.10	ug/kg
7421-93-4	Endrin aldehyde	0.45	U	0.45	2.10	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.10	ug/kg
8001-35-2	Toxaphene	6.60	U	6.60	40.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.6		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.4		19 - 148	57%	SPK: 20

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089644.D	1	07/15/25 08:40	07/28/25 13:46	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.2 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089647.D	1	07/15/25 08:40	07/28/25 14:27	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-20-8	Endrin	0.16	U	0.16	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	2.00	ug/kg
72-43-5	Methoxychlor	0.43	U	0.43	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	2.00	ug/kg
5103-71-9	alpha-Chlordane	3.00		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	2.10	P	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.30	U	6.30	38.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.9		20 - 144	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	9.81		19 - 148	49%	SPK: 20

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.2 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089647.D	1	07/15/25 08:40	07/28/25 14:27	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
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() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/28/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01DL	**TRENCHDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	**TRENCHRE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/18/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/28/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05DL	**STOCK-PILEDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	**STOCK-PILERE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	

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LAB CHRONICLE

Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/18/25
Q2600-06RE	**STOCK-PILERE**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/18/25
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**		**07/14/25**
			Gasoline Range Organics	8015D			07/16/25
			PCB	8082A		07/15/25	07/15/25
			Pesticide-TCL	8081B		07/15/25	07/28/25
			EPH	NJEPH		07/16/25	07/16/25
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09DL	**END-OF-TRENCHDL**	**Solid**			**07/14/25**		**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09RE	**END-OF-TRENCHRE**	**SOIL**			**07/14/25**		**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/18/25

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Hit Summary Sheet
SW-846

SDG No.: Q2600 **Order ID:** Q2600

Client: T&A Construction Inc **Project ID:** Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	07/16/25
Client Sample ID:	PB168847TB	SDG No.:	Q2600
Lab Sample ID:	PB168847TB	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096470.D	1	07/16/25 11:02	07/18/25 16:01	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		57 - 171	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		61 - 148	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096446.D	1	07/16/25 11:02	07/18/25 10:08	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.7		57 - 171	73%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		61 - 148	107%	SPK: 20

Comments:

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N = Presumptive Evidence of a Compound
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096447.D	1	07/16/25 11:02	07/18/25 10:21	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		61 - 148	112%	SPK: 20

Comments:

U = Not Detected
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LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096448.D	1	07/16/25 11:02	07/18/25 10:35	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		61 - 148	114%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01DL	**TRENCHDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	**TRENCHRE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/18/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/15/25	
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05DL	**STOCK-PILEDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	**STOCK-PILERE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**

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LAB CHRONICLE

			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/18/25
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**		**07/14/25**
			Gasoline Range Organics	8015D		07/16/25	
			PCB	8082A		07/15/25	07/15/25
			Pesticide-TCL	8081B		07/15/25	07/15/25
			EPH	NJEPH		07/16/25	07/16/25
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09DL	**END-OF-TRENCHDL**	**Solid**			**07/14/25**		**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09RE	**END-OF-TRENCHRE**	**SOIL**			**07/14/25**		**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/18/25

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Hit Summary Sheet
SW-846

SDG No.: Q2600 **Order ID:** Q2600

Client: T&A Construction Inc **Project ID:** Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-01	TRENCH	SOIL	Aroclor-1254	35.0		4.20	22.5	ug/kg
Q2600-01	TRENCH	SOIL	Aroclor-1260	49.8		4.30	22.5	ug/kg
			Total Concentration:	**84.800**				
Client ID : STOCK-PILE								
Q2600-05	STOCK-PILE	SOIL	Aroclor-1254	11.1	J	3.90	20.7	ug/kg
Q2600-05	STOCK-PILE	SOIL	Aroclor-1260	20.4	J	3.90	20.7	ug/kg
			Total Concentration:	**31.500**				
Client ID : END-OF-TRENCH								
Q2600-09	END-OF-TRENCH	SOIL	Aroclor-1254	168		3.80	19.9	ug/kg
			Total Concentration:	**168.000**				

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073816.D	1	07/15/25 08:40	07/15/25 19:24	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.20	U	5.20	22.5	ug/kg
11104-28-2	Aroclor-1221	5.30	U	5.30	22.5	ug/kg
11141-16-5	Aroclor-1232	4.90	U	4.90	22.5	ug/kg
53469-21-9	Aroclor-1242	5.30	U	5.30	22.5	ug/kg
12672-29-6	Aroclor-1248	7.80	U	7.80	22.5	ug/kg
11097-69-1	Aroclor-1254	35.0		4.20	22.5	ug/kg
37324-23-5	Aroclor-1262	6.60	U	6.60	22.5	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	22.5	ug/kg
11096-82-5	Aroclor-1260	49.8		4.30	22.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		32 - 144	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 175	99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073817.D	1	07/15/25 08:40	07/15/25 19:41	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	11.1	J	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	20.4	J	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.4		32 - 144	72%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.1		32 - 175	71%	SPK: 20

Comments:

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.2 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073818.D	1	07/15/25 08:40	07/15/25 19:57	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.9	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.9	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	19.9	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.9	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.9	ug/kg
11097-69-1	Aroclor-1254	168		3.80	19.9	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	19.9	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.9	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.6		32 - 144	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	33.5		32 - 175	167%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/15/25	
			PCB	8082A		07/15/25	07/15/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/15/25	
			PCB	8082A		07/15/25	07/15/25	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/15/25	
			PCB	8082A		07/15/25	07/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2600 **Order ID:** Q2600

Client: T&A Construction Inc **Project ID:** Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	07/16/25
Client Sample ID:	PB168847TB	SDG No.:	Q2600
Lab Sample ID:	PB168847TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031130.D	1	07/16/25 10:39	07/18/25 13:53	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	548		61 - 136	110%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031106.D	1	07/16/25 10:39	07/17/25 19:37	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	611		61 - 136	122%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031107.D	1	07/16/25 10:39	07/17/25 20:01	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	733	*	61 - 136	147%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILERE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06RE	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031129.D	1	07/16/25 10:39	07/18/25 13:29	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	707	*	61 - 136	141%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031108.D	1	07/16/25 10:39	07/17/25 20:25	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	664		61 - 136	133%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01DL	**TRENCHDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	**TRENCHRE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/15/25	
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05DL	**STOCK-PILEDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	**STOCK-PILERE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**

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LAB CHRONICLE

			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/17/25
Q2600-06RE	**STOCK-PILERE**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/18/25
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**		**07/14/25**
			Gasoline Range Organics	8015D			07/16/25
			PCB	8082A		07/15/25	07/15/25
			Pesticide-TCL	8081B		07/15/25	07/15/25
			EPH	NJEPH		07/16/25	07/16/25
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09DL	**END-OF-TRENCHDL**	**Solid**			**07/14/25**		**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09RE	**END-OF-TRENCHRE**	**SOIL**			**07/14/25**		**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/17/25

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/16/25 09:25	07/17/25 9:40	PB168877

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	41.6		10	1.85	13.2	mg/kg	FC069480.D
Aliphatic C12-C16	Aliphatic C12-C16	9.18		1	0.14	0.88	mg/kg	FC069462.D
Aliphatic C16-C21	Aliphatic C16-C21	55.2		10	1.72	13.2	mg/kg	FC069480.D
Aliphatic C21-C28	Aliphatic C21-C28	230		10	7.01	17.6	mg/kg	FC069480.D
Aliphatic C28-C40	Aliphatic C28-C40	164		10	15.6	26.4	mg/kg	FC069480.D
Aromatic C10-C12	Aromatic C10-C12	8.02		1	0.16	0.88	mg/kg	FD049552.D
Aromatic C12-C16	Aromatic C12-C16	5.01		1	0.30	1.32	mg/kg	FD049552.D
Aromatic C16-C21	Aromatic C16-C21	27.8		1	0.53	2.20	mg/kg	FD049552.D
Aromatic C21-C36	Aromatic C21-C36	117		5	7.87	17.6	mg/kg	FD049570.D
Total AliphaticEPH	Total AliphaticEPH	500			26.3	71.3	mg/kg	
Total AromaticEPH	Total AromaticEPH	158			8.86	22.0	mg/kg	
Total EPH	Total EPH	658			35.2	93.3	mg/kg	

U = Not Detected
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MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069462.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		42.6	E	0.19	1.32	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		9.18		0.14	0.88	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		65.5	E	0.17	1.32	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		268	E	0.70	1.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		149	E	1.56	2.64	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		35.1		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-01	Acq On:	16 Jul 2025 17:35
Client Sample ID:	TRENCH	Operator:	YP/AJ
Data file:	FC069462.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.597	67250631	483.819	300	ug/ml
Aliphatic C12-C16	6.598	10.000	15002165	104.129	200	ug/ml
Aliphatic C16-C21	10.001	13.371	101129807	743.618	300	ug/ml
Aliphatic C21-C28	13.372	17.037	362149946	3040	400	ug/ml
Aliphatic C28-C40	17.038	22.012	152810312	1700	600	ug/ml
Aliphatic EPH	3.297	22.012	698342861	6080		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	3962321	35.06		ug/ml
Aliphatic C9-C28	3.297	17.037	545532549	4380	1200	ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049552.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	8.02		0.16	0.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.01		0.30	1.32	mg/kg
Aromatic C16-C21	Aromatic C16-C21	27.8		0.53	2.20	mg/kg
Aromatic C21-C36	Aromatic C21-C36	123	E	1.57	3.52	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	35.5		40 - 140	71%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.9		40 - 140	56%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-01	Acq On:	16 Jul 2025 17:35
Client Sample ID:	TRENCH	Operator:	YP/AJ
Data file:	FD049552.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	12536096	90.99	200	ug/ml
Aromatic C12-C16	6.170	8.797	8894382	56.903	300	ug/ml
Aromatic C16-C21	8.798	13.086	50969481	316.024	500	ug/ml
Aromatic C21-C36	13.087	18.506	196239921	1400	800	ug/ml
Aromatic EPH	4.425	18.506	268639880	1870		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	4583015	27.95		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	4641726	35.48		ug/ml
2-Flurobiphenyl (SURR)	8.599	8.599	3141478	33.9		ug/ml

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Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069480.D	10	07/16/25	07/17/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		41.6		1.85	13.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		7.59	J	1.45	8.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		55.2		1.72	13.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		230		7.01	17.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		164		15.6	26.4	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		3.37		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-01DL	Acq On:	17 Jul 2025 09:40
Client Sample ID:	TRENCHDL	Operator:	YP/AJ
Data file:	FC069480.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.599	6569302	47.261	300	ug/ml
Aliphatic C12-C16	6.600	10.002	1241358	8.616	200	ug/ml
Aliphatic C16-C21	10.003	13.370	8525953	62.692	300	ug/ml
Aliphatic C21-C28	13.371	17.036	31073779	261.148	400	ug/ml
Aliphatic C28-C40	17.037	22.013	16741695	186.261	600	ug/ml
Aliphatic EPH	3.303	22.013	64152087	565.979		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	381061	3.37		ug/ml
Aliphatic C9-C28	3.303	17.036	47410392	379.717	1200	ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049570.D	5	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	7.83		0.79	4.41	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.45	J	1.52	6.61	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.9		2.64	11.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	117		7.87	17.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.26		40 - 140	73%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	6.91		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.68		40 - 140	57%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-01DL	Acq On:	17 Jul 2025 09:40
Client Sample ID:	TRENCHDL	Operator:	YP/AJ
Data file:	FD049570.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	2447618	17.765	200	ug/ml
Aromatic C12-C16	6.173	8.799	1931788	12.359	300	ug/ml
Aromatic C16-C21	8.800	13.090	9913986	61.469	500	ug/ml
Aromatic C21-C36	13.091	18.508	36627473	261.582	800	ug/ml
Aromatic EPH	4.430	18.508	50920865	353.176		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	950437	7.26		ug/ml
2-Flurobiphenyl (SURR)	8.599	8.599	639901	6.91		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	931125	5.68		ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/16/25 09:25	07/17/25 10:23	PB168877

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	44.1		10	1.70	12.1	mg/kg	FC069481.D
Aliphatic C12-C16	Aliphatic C12-C16	6.44		1	0.13	0.81	mg/kg	FC069463.D
Aliphatic C16-C21	Aliphatic C16-C21	32.2		10	1.58	12.1	mg/kg	FC069481.D
Aliphatic C21-C28	Aliphatic C21-C28	159		10	6.44	16.2	mg/kg	FC069481.D
Aliphatic C28-C40	Aliphatic C28-C40	81.1		10	14.3	24.3	mg/kg	FC069481.D
Aromatic C10-C12	Aromatic C10-C12	9.04		1	0.15	0.81	mg/kg	FD049553.D
Aromatic C12-C16	Aromatic C12-C16	5.43		1	0.28	1.21	mg/kg	FD049553.D
Aromatic C16-C21	Aromatic C16-C21	19.4		1	0.49	2.02	mg/kg	FD049553.D
Aromatic C21-C36	Aromatic C21-C36	83.1		5	7.23	16.2	mg/kg	FD049571.D
Total AliphaticEPH	Total AliphaticEPH	323			24.2	65.5	mg/kg	
Total AromaticEPH	Total AromaticEPH	117			8.14	20.2	mg/kg	
Total EPH	Total EPH	440			32.3	85.8	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069463.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		38.5	E	0.17	1.21	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		6.44		0.13	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		41.6	E	0.16	1.21	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		185	E	0.64	1.62	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		105	E	1.43	2.43	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		41.5		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-05	Acq On:	16 Jul 2025 18:23
Client Sample ID:	STOCK-PILE	Operator:	YP/AJ
Data file:	FC069463.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.597	66074243	475.356	300	ug/ml
Aliphatic C12-C16	6.598	10.000	11459154	79.537	200	ug/ml
Aliphatic C16-C21	10.001	13.371	69907683	514.039	300	ug/ml
Aliphatic C21-C28	13.372	17.037	272883111	2290	400	ug/ml
Aliphatic C28-C40	17.038	22.012	116768937	1300	600	ug/ml
Aliphatic EPH	3.297	22.012	537093128	4660		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.109	13.109	4684410	41.45		ug/ml
Aliphatic C9-C28	3.297	17.037	420324191	3360	1200	ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049553.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aromatic C10-C12	Aromatic C10-C12		9.04		0.15	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16		5.43		0.28	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21		19.4		0.49	2.02	mg/kg
Aromatic C21-C36	Aromatic C21-C36		74.6	E	1.45	3.24	mg/kg
SURROGATES							
580-13-2	2-Bromonaphthalene (SURR)		37.1		40 - 140	74%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)		35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		36.3		40 - 140	73%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-05	Acq On:	16 Jul 2025 18:23
Client Sample ID:	STOCK-PILE	Operator:	YP/AJ
Data file:	FD049553.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	15380290	111.634	200	ug/ml
Aromatic C12-C16	6.170	8.797	10470914	66.989	300	ug/ml
Aromatic C16-C21	8.798	13.086	38723804	240.098	500	ug/ml
Aromatic C21-C36	13.087	18.506	128972341	921.081	800	ug/ml
Aromatic EPH	4.425	18.506	193547349	1340		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	5959342	36.34		ug/ml
2-Bromonaphthalene (SURR)	7.735	7.735	4848617	37.06		ug/ml
2-Flurobiphenyl (SURR)	8.600	8.600	3306246	35.68		ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILEDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069481.D	10	07/16/25	07/17/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		44.1		1.70	12.1	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		6.57	J	1.34	8.10	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		32.2		1.58	12.1	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		159		6.44	16.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		81.1		14.3	24.3	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		4.24		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-05DL	Acq On:	17 Jul 2025 10:23
Client Sample ID:	STOCK-PILEDL	Operator:	YP/AJ
Data file:	FC069481.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.599	7571643	54.472	300	ug/ml
Aliphatic C12-C16	6.600	10.002	1169446	8.117	200	ug/ml
Aliphatic C16-C21	10.003	13.370	5399316	39.702	300	ug/ml
Aliphatic C21-C28	13.371	17.036	23446783	197.05	400	ug/ml
Aliphatic C28-C40	17.037	22.013	9002445	100.157	600	ug/ml
Aliphatic EPH	3.303	22.013	46589633	399.498		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	479585	4.24		ug/ml
Aliphatic C9-C28	3.303	17.036	37587188	299.341	1200	ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILEDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049571.D	5	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.1		0.73	4.05	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.45		1.40	6.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.1		2.43	10.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	83.1		7.23	16.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.54		40 - 140	85%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	8.06		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.21		40 - 140	82%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-05DL	Acq On:	17 Jul 2025 10:23
Client Sample ID:	STOCK-PILEDL	Operator:	YP/AJ
Data file:	FD049571.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	3452513	25.059	200	ug/ml
Aromatic C12-C16	6.173	8.799	2490187	15.931	300	ug/ml
Aromatic C16-C21	8.800	13.090	8782066	54.451	500	ug/ml
Aromatic C21-C36	13.091	18.508	27932226	199.483	800	ug/ml
Aromatic EPH	4.430	18.508	42656992	294.925		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	1117865	8.54		ug/ml
2-Flurobiphenyl (SURR)	8.599	8.599	747222	8.06		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	1346637	8.21		ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/16/25 09:25	07/17/25 11:07	PB168877

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	151		10	1.64	11.7	mg/kg	FC069482.D
Aliphatic C12-C16	Aliphatic C12-C16	11.3		1	0.13	0.78	mg/kg	FC069467.D
Aliphatic C16-C21	Aliphatic C16-C21	50.2		10	1.52	11.7	mg/kg	FC069482.D
Aliphatic C21-C28	Aliphatic C21-C28	166		10	6.21	15.6	mg/kg	FC069482.D
Aliphatic C28-C40	Aliphatic C28-C40	97.7		10	13.8	23.4	mg/kg	FC069482.D
Aromatic C10-C12	Aromatic C10-C12	46.5		5	0.70	3.91	mg/kg	FD049572.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.27	1.17	mg/kg	FD049557.D
Aromatic C16-C21	Aromatic C16-C21	23.6		1	0.47	1.95	mg/kg	FD049557.D
Aromatic C21-C36	Aromatic C21-C36	70.5		5	6.97	15.6	mg/kg	FD049572.D
Total AliphaticEPH	Total AliphaticEPH	476			23.3	63.2	mg/kg	
Total AromaticEPH	Total AromaticEPH	151			8.41	22.6	mg/kg	
Total EPH	Total EPH	627			31.7	85.8	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069467.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		139	E	0.16	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		11.3		0.13	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		56.1	E	0.15	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		176	E	0.62	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		98.7	E	1.38	2.34	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		40.6		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-09	Acq On:	16 Jul 2025 21:23
Client Sample ID:	END-OF-TRENCH	Operator:	YP/AJ
Data file:	FC069467.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.597	247495827	1780	300	ug/ml
Aliphatic C12-C16	6.598	10.000	20823558	144.534	200	ug/ml
Aliphatic C16-C21	10.001	13.371	97650484	718.034	300	ug/ml
Aliphatic C21-C28	13.372	17.037	268233887	2250	400	ug/ml
Aliphatic C28-C40	17.038	22.012	113572215	1260	600	ug/ml
Aliphatic EPH	3.297	22.012	747775971	6160		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	4591609	40.63		ug/ml
Aliphatic C9-C28	3.297	17.037	634203756	4900	1200	ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049557.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.8	E	0.14	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.2		0.27	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.6		0.47	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	66.8	E	1.39	3.13	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.9		40 - 140	84%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.6		40 - 140	73%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-09	Acq On:	16 Jul 2025 21:23
Client Sample ID:	END-OF-TRENCH	Operator:	YP/AJ
Data file:	FD049557.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	70165615	509.281	200	ug/ml
Aromatic C12-C16	6.170	8.797	20497450	131.135	300	ug/ml
Aromatic C16-C21	8.798	13.086	48733879	302.163	500	ug/ml
Aromatic C21-C36	13.087	18.506	119612273	854.234	800	ug/ml
Aromatic EPH	4.425	18.506	259009217	1800		ug/ml
2-Flurobiphenyl (SURR)	8.602	8.602	3611885	38.98		ug/ml
2-Bromonaphthalene (SURR)	7.737	7.737	5483601	41.91		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	6004694	36.62		ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069482.D	10	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	151		1.64	11.7	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.4		1.29	7.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	50.2		1.52	11.7	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	166		6.21	15.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	97.7		13.8	23.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.15		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-09DL	Acq On:	17 Jul 2025 11:07
Client Sample ID:	END-OF-TRENCHDL	Operator:	YP/AJ
Data file:	FC069482.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.599	26901089	193.534	300	ug/ml
Aliphatic C12-C16	6.600	10.002	2284696	15.858	200	ug/ml
Aliphatic C16-C21	10.003	13.370	8740608	64.271	300	ug/ml
Aliphatic C21-C28	13.371	17.036	25323066	212.818	400	ug/ml
Aliphatic C28-C40	17.037	22.013	11241227	125.065	600	ug/ml
Aliphatic EPH	3.303	22.013	74490686	611.546		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	469189	4.15		ug/ml
Aliphatic C9-C28	3.303	17.036	63249459	486.481	1200	ug/ml

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049572.D	5	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	46.5		0.70	3.91	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.4		1.35	5.86	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.5		2.34	9.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	70.5		6.97	15.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.64		40 - 140	96%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	8.98		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.46		40 - 140	85%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-09DL	Acq On:	17 Jul 2025 11:07
Client Sample ID:	END-OF-TRENCHDL	Operator:	YP/AJ
Data file:	FD049572.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	16402340	119.053	200	ug/ml
Aromatic C12-C16	6.173	8.799	4974960	31.828	300	ug/ml
Aromatic C16-C21	8.800	13.090	11695319	72.514	500	ug/ml
Aromatic C21-C36	13.091	18.508	23658524	168.962	800	ug/ml
Aromatic EPH	4.430	18.508	56731143	392.356		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	1261096	9.64		ug/ml
2-Flurobiphenyl (SURR)	8.599	8.599	831658	8.98		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	1387306	8.46		ug/ml

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
Q2600-01DL	**TRENCHDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	**TRENCHRE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/15/25	
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
Q2600-05DL	**STOCK-PILEDL**	**Solid**			**07/14/25**			**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	**STOCK-PILERE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**

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LAB CHRONICLE

			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/17/25
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**		**07/14/25**
			Gasoline Range Organics	8015D		07/16/25	
			PCB	8082A		07/15/25	07/15/25
			Pesticide-TCL	8081B		07/15/25	07/15/25
			EPH	NJEPH		07/16/25	07/16/25
Q2600-09DL	**END-OF-TRENCHDL**	**Solid**			**07/14/25**		**07/14/25**
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09RE	**END-OF-TRENCHRE**	**SOIL**			**07/14/25**		**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/17/25

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Hit Summary Sheet
SW-846

SDG No.: Q2600 **Order ID:** Q2600

Client: T&A Construction Inc **Project ID:** Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-01	TRENCH	SOIL	Aluminum	6870		1.04	6.22	mg/Kg
Q2600-01	TRENCH	SOIL	Antimony	6.54		0.27	3.11	mg/Kg
Q2600-01	TRENCH	SOIL	Arsenic	14.8		0.24	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Barium	507		0.91	6.22	mg/Kg
Q2600-01	TRENCH	SOIL	Beryllium	0.60		0.031	0.37	mg/Kg
Q2600-01	TRENCH	SOIL	Cadmium	4.05		0.030	0.37	mg/Kg
Q2600-01	TRENCH	SOIL	Calcium	21100		13.8	124	mg/Kg
Q2600-01	TRENCH	SOIL	Chromium	89.6		0.058	0.62	mg/Kg
Q2600-01	TRENCH	SOIL	Cobalt	8.26		0.12	1.87	mg/Kg
Q2600-01	TRENCH	SOIL	Copper	88.6		0.27	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Iron	21900		4.96	6.22	mg/Kg
Q2600-01	TRENCH	SOIL	Lead	1300		0.16	0.75	mg/Kg
Q2600-01	TRENCH	SOIL	Magnesium	5550		14.9	124	mg/Kg
Q2600-01	TRENCH	SOIL	Manganese	316		0.17	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Mercury	0.39		0.0090	0.017	mg/Kg
Q2600-01	TRENCH	SOIL	Nickel	19.8		0.16	2.49	mg/Kg
Q2600-01	TRENCH	SOIL	Potassium	1180		34.4	124	mg/Kg
Q2600-01	TRENCH	SOIL	Selenium	5.11		0.32	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Sodium	213		22.1	124	mg/Kg
Q2600-01	TRENCH	SOIL	Vanadium	23.5		0.31	2.49	mg/Kg
Q2600-01	TRENCH	SOIL	Zinc	917		0.14	2.49	mg/Kg
Client ID : STOCK-PILE								
Q2600-05	STOCK-PILE	SOIL	Aluminum	6640		0.87	5.16	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Antimony	2.22	J	0.23	2.58	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Arsenic	12.7		0.20	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Barium	127		0.75	5.16	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Beryllium	0.60		0.026	0.31	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Cadmium	0.67		0.025	0.31	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Calcium	7600		11.5	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Chromium	31.2		0.049	0.52	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Cobalt	8.00		0.10	1.55	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Copper	37.3		0.23	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Iron	22300		4.12	5.16	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Lead	257		0.13	0.62	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Magnesium	4110		12.4	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Manganese	240		0.14	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Mercury	0.076		0.0080	0.015	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2600 **Order ID:** Q2600

Client: T&A Construction Inc **Project ID:** Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2600-05	STOCK-PILE	SOIL	Nickel	15.6		0.13	2.06	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Potassium	1360		28.6	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Selenium	5.79		0.27	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Sodium	127		18.4	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Vanadium	16.3		0.26	2.06	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Zinc	189		0.11	2.06	mg/Kg
Client ID :	**END-OF-TRENCH**							
Q2600-09	END-OF-TRENCH	SOIL	Aluminum	5550		0.83	4.95	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Antimony	1.48	J	0.22	2.48	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Arsenic	5.65		0.19	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Barium	154		0.72	4.95	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Beryllium	0.47		0.025	0.30	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Cadmium	1.14		0.024	0.30	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Calcium	9820		11.0	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Chromium	39.7		0.047	0.50	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Cobalt	7.10		0.099	1.49	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Copper	57.9		0.22	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Iron	17500		3.95	4.95	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Lead	282		0.13	0.59	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Magnesium	6490		11.9	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Manganese	248		0.14	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Mercury	0.050		0.0090	0.016	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Nickel	12.7		0.13	1.98	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Potassium	809		27.4	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Selenium	4.24		0.26	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Sodium	98.8	J	17.6	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Vanadium	14.1		0.25	1.98	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Zinc	206		0.11	1.98	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6870		1	1.04	6.22	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-36-0	Antimony	6.54	N	1	0.27	3.11	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-38-2	Arsenic	14.8		1	0.24	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-39-3	Barium	507		1	0.91	6.22	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-41-7	Beryllium	0.60		1	0.031	0.37	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-43-9	Cadmium	4.05		1	0.030	0.37	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-70-2	Calcium	21100		1	13.8	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-47-3	Chromium	89.6		1	0.058	0.62	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-48-4	Cobalt	8.26		1	0.12	1.87	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-50-8	Copper	88.6	N	1	0.27	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-89-6	Iron	21900		1	4.96	6.22	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-92-1	Lead	1300		1	0.16	0.75	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-95-4	Magnesium	5550		1	14.9	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-96-5	Manganese	316		1	0.17	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-97-6	Mercury	0.39	N	1	0.0090	0.017	mg/Kg	07/15/25 15:40	07/16/25 12:57	7471B	
7440-02-0	Nickel	19.8		1	0.16	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-09-7	Potassium	1180		1	34.4	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7782-49-2	Selenium	5.11		1	0.32	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-22-4	Silver	0.15	UN	1	0.15	0.62	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-23-5	Sodium	213		1	22.1	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-28-0	Thallium	0.29	U	1	0.29	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-62-2	Vanadium	23.5		1	0.31	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-66-6	Zinc	917	N	1	0.14	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	TCL+30/TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6640		1	0.87	5.16	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-36-0	Antimony	2.22	JN	1	0.23	2.58	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-38-2	Arsenic	12.7		1	0.20	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-39-3	Barium	127		1	0.75	5.16	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-41-7	Beryllium	0.60		1	0.026	0.31	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-43-9	Cadmium	0.67		1	0.025	0.31	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-70-2	Calcium	7600		1	11.5	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-47-3	Chromium	31.2		1	0.049	0.52	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-48-4	Cobalt	8.00		1	0.10	1.55	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-50-8	Copper	37.3	N	1	0.23	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-89-6	Iron	22300		1	4.12	5.16	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-92-1	Lead	257		1	0.13	0.62	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-95-4	Magnesium	4110		1	12.4	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-96-5	Manganese	240		1	0.14	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-97-6	Mercury	0.076	N	1	0.0080	0.015	mg/Kg	07/15/25 15:40	07/16/25 12:59	7471B	
7440-02-0	Nickel	15.6		1	0.13	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-09-7	Potassium	1360		1	28.6	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7782-49-2	Selenium	5.79		1	0.27	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.52	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-23-5	Sodium	127		1	18.4	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-62-2	Vanadium	16.3		1	0.26	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-66-6	Zinc	189	N	1	0.11	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	TCL+30/TAL				

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5550		1	0.83	4.95	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-36-0	Antimony	1.48	JN	1	0.22	2.48	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-38-2	Arsenic	5.65		1	0.19	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-39-3	Barium	154		1	0.72	4.95	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-41-7	Beryllium	0.47		1	0.025	0.30	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-43-9	Cadmium	1.14		1	0.024	0.30	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-70-2	Calcium	9820		1	11.0	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-47-3	Chromium	39.7		1	0.047	0.50	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-48-4	Cobalt	7.10		1	0.099	1.49	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-50-8	Copper	57.9	N	1	0.22	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-89-6	Iron	17500		1	3.95	4.95	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-92-1	Lead	282		1	0.13	0.59	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-95-4	Magnesium	6490		1	11.9	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-96-5	Manganese	248		1	0.14	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-97-6	Mercury	0.050	N	1	0.0090	0.016	mg/Kg	07/15/25 15:40	07/16/25 13:02	7471B	
7440-02-0	Nickel	12.7		1	0.13	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-09-7	Potassium	809		1	27.4	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7782-49-2	Selenium	4.24		1	0.26	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.50	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-23-5	Sodium	98.8	J	1	17.6	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-62-2	Vanadium	14.1		1	0.25	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-66-6	Zinc	206	N	1	0.11	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	TCL+30/TAL				

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2600 **Order ID:** Q2600

Client: T&A Construction Inc **Project ID:** Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-02	TRENCH	TCLP	Arsenic	34.0	J	25.6	100	ug/L
Q2600-02	TRENCH	TCLP	Barium	3240		72.8	500	ug/L
Q2600-02	TRENCH	TCLP	Lead	535		11.5	60.0	ug/L
Client ID : STOCK-PILE								
Q2600-06	STOCK-PILE	TCLP	Arsenic	40.1	J	25.6	100	ug/L
Q2600-06	STOCK-PILE	TCLP	Barium	2090		72.8	500	ug/L
Q2600-06	STOCK-PILE	TCLP	Cadmium	6.02	J	2.50	30.0	ug/L
Q2600-06	STOCK-PILE	TCLP	Lead	1390		11.5	60.0	ug/L
Client ID : END-OF-TRENCH								
Q2600-10	END-OF-TRENCH	TCLP	Barium	1420		72.8	500	ug/L
Q2600-10	END-OF-TRENCH	TCLP	Cadmium	21.1	J	2.50	30.0	ug/L
Q2600-10	END-OF-TRENCH	TCLP	Lead	2150		11.5	60.0	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.0	J	1	25.6	100	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-39-3	Barium	3240		1	72.8	500	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7439-92-1	Lead	535		1	11.5	60.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	07/16/25 14:40	07/17/25 10:50	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP-FULL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	40.1	J	1	25.6	100	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-39-3	Barium	2090		1	72.8	500	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-43-9	Cadmium	6.02	J	1	2.50	30.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7439-92-1	Lead	1390		1	11.5	60.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	07/16/25 14:40	07/17/25 10:52	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP-FULL				

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LOD = Limit of Detection
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-39-3	Barium	1420		1	72.8	500	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-43-9	Cadmium	21.1	J	1	2.50	30.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7439-92-1	Lead	2150		1	11.5	60.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	07/16/25 14:40	07/17/25 10:55	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP-FULL				

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:00
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
		% Solid:	75.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.076	J	1	0.053	0.32	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.092	U	1	0.092	0.53	mg/Kg	07/16/25 12:40	07/16/25 16:04	7196A
pH	7.55	H	1	0	0	pH		07/15/25 09:15	9045D

Comments: pH result reported at temperature 24.6 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:00
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:15	1030

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:10
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
		% Solid:	82.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.051	U	1	0.051	0.30	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	07/16/25 12:40	07/16/25 16:05	7196A
pH	7.68	H	1	0	0	pH		07/15/25 09:25	9045D

Comments: pH result reported at temperature 24.4 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:10
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:23	1030

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:20
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
		% Solid:	85.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.047	J	1	0.047	0.28	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.080	U	1	0.080	0.46	mg/Kg	07/16/25 12:40	07/16/25 16:06	7196A
pH	7.24	H	1	0	0	pH		07/15/25 09:30	9045D

Comments: pH result reported at temperature 24.1 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:20
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:30	1030

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25 13:00**			**07/14/25**
			Cyanide	9012B		07/16/25	07/16/25 10:31	
			Hexavalent Chromium	7196A		07/16/25	07/16/25 16:04	
			pH	9045D			07/15/25 09:15	
Q2600-02	**TRENCH**	**SOIL**			**07/14/25 13:00**			**07/14/25**
			Ignitability	1030			07/15/25 14:15	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25 13:10**			**07/14/25**
			Cyanide	9012B		07/16/25	07/16/25 10:31	
			Hexavalent Chromium	7196A		07/16/25	07/16/25 16:05	
			pH	9045D			07/15/25 09:25	
Q2600-06	**STOCK-PILE**	**SOIL**			**07/14/25 13:10**			**07/14/25**
			Ignitability	1030			07/15/25 14:23	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25 13:20**			**07/14/25**
			Cyanide	9012B		07/16/25	07/16/25 10:31	

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LAB CHRONICLE

			Hexavalent Chromium	7196A		07/16/25	07/16/25 16:06	
			pH	9045D			07/15/25 09:30	
Q2600-10	**END-OF-TRENCH**	**SOIL**			**07/14/25 13:20**			**07/14/25**
			Ignitability	1030			07/15/25 14:30	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2600
QUOTE NO.
COC Number 2047474

18
18.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: T&A Construction INC.
ADDRESS: Tarrytown Light-Kingsland Point Park
CITY: Sleepy Hollow STATE: NY ZIP: 10591
ATTENTION: Garret Johnson
PHONE: (862) 298-0150 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Kingsland Point Park water main
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE): ______ DAYS*
EDD: ______ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other
❑ EDD FORMAT

ANALYSIS

1. VOCs
2. TCLP VOA
3. EPH, Hex Chrom, pH
4. Ignitability, % Solid
5. GRO
6. Full TCLP
7. Cyn, Mercury, Met, Sep 14
8. PCB, Pest, SVOC
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS (← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER)
1.	Trench	S.	X		7-14	1300	6			X	X	X	X	X	X		
2.	Trench	↓		X	↓	1305	5	X	X								PPM - 65.5
3.	Stock Pile	↓	X		↓	1310	6			X	X	X	X	X	X		
4.	Stock Pile	↓		X	↓	1315	5	X	X								PPM - 82.9
5.	End of Trench	↓	X		↓	1320	6			X	X	X	X	X	X		
6.	End of Trench	↓		X	↓	1325	5	X	X								PPM - 644.3
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	1335 7/14/25	1.
2.		2.
3. [signature]	1505 7/14/25	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 4.9°C °C
Comments:

Page 1 of 1

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Kingsland Point Park Water Main
Service Order #: —
Work Order #: —
Labor WBS #: —
Facility/Site: —
Site Address: Tarrytown Light-Kingsland Point Park, Sleepy Hollow NY 10591

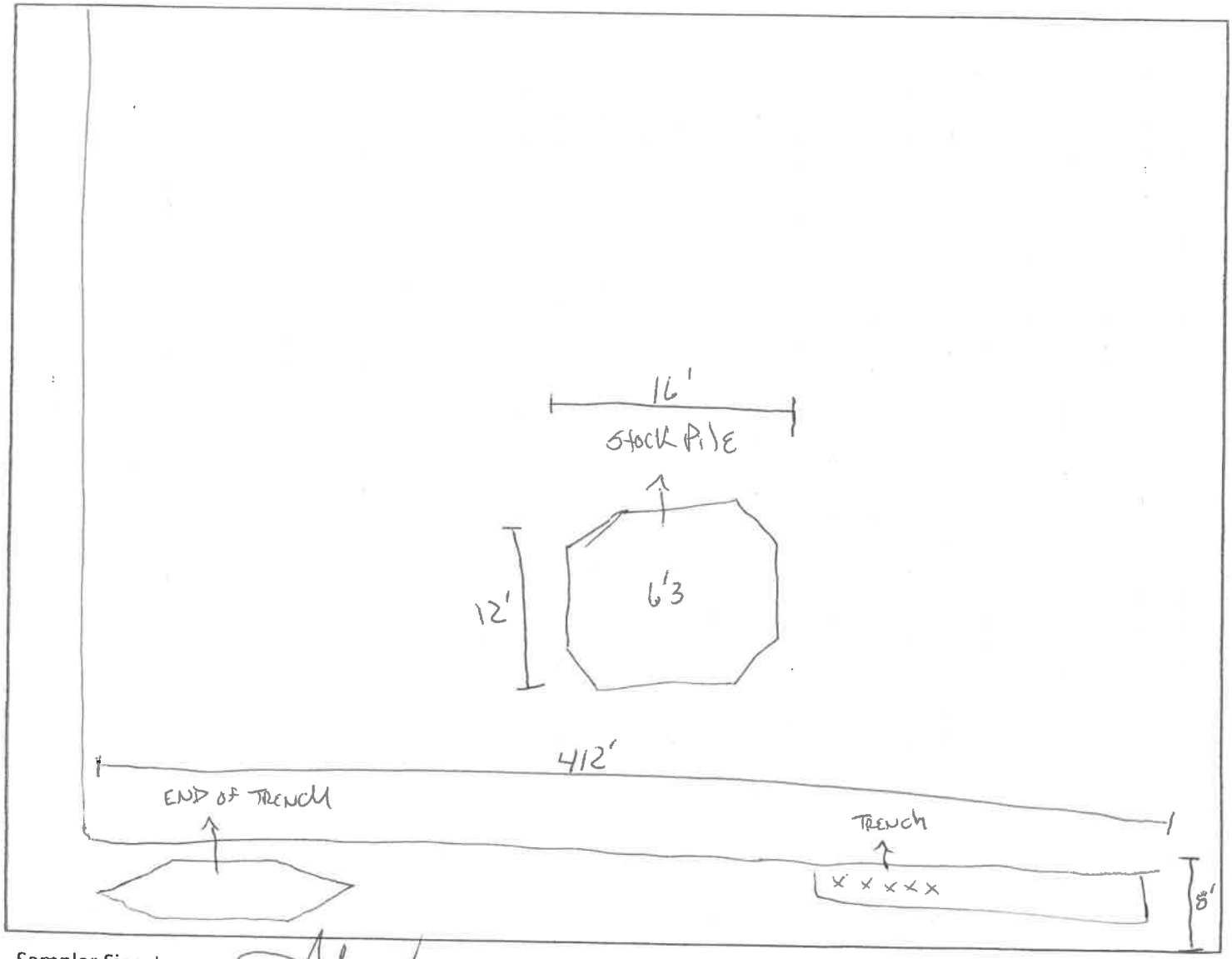
Chemtech Order ID: _____
Sampler Name: Jorge Negron
Client Project Coordinator & Phone: Garret Johnson (862) 298-0150
Page #: 1 of 1
Date: 7-14-25
Arrive Time: 1230
Depart Time: 1335

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: _____ **Dimensions/CY**: _____
Temp (range): _____ °C **PID Readings (range)**: _____ PPM **Odor**: (Y) / N **Color**: (Y) / N
Sample Description: Black Oily Soil (rocks present) very strong smell
Field Observations: Sample along the trench + stock pile

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: _____
Client Signature: _____
Supervisor Review/Date: _____
Date/Time Arrived at Lab: _____

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2600 TACO01
Client Name : T&A Construction Inc
Client Contact : Garrett Johnson
Invoice Name : T&A Construction Inc
Invoice Contact : Garrett Johnson

Order Date : 7/14/2025 2:21:01 PM
Project Name : Kingsland Point Park Water
Receive DateTime : 7/14/2025 ~~12:00:00 AM~~ 15:05 pm
Purchase Order :

Project Mgr : Results Only
Report Type : ~~Analytical Summary~~ 1
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2600-03	TRENCH	Solid	07/14/2025	13:05					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2600-07	STOCK-PILE	Solid	07/14/2025	13:15					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2600-11	END-OF-TRENCH	Solid	07/14/2025	13:25					
					VOC-TCLVOA-10		8260D		3 Bus. Days

Relinguished By :
Date / Time : 7/14/25 1540

Received By : JC
Date / Time : 7/14/25 1540

Storage Area : VOA Refridgerator Room