CORE ENVIRONMENTAL CONSULTANTS

2312 Wehrle Drive, Buffalo, NY 14221 ◆ Phone: 716-204-8054 ◆ Fax: 716-204-8557
46-11 54th Avenue, Maspeth, NY 11378 ◆ Phone: 718-786-4730 ◆ Fax: 718-786-4764

Transmittal

Date: March 7, 2016

To: Anna Ciecierska
IEH Division
NYC School Construction Authority
30-30 Thomson Ave.
Long Island City, NY 11101
(718) 472-8620

Re: PS 475Q
89-30 114th Street
Queens, NY 11418
Service ID: 63713
SCA Project ID: D016569

We have enclosed:

☐B/W Prints ☐Reproducible ☐Reports ☐Letter

☐Specifications ☐Memorandum ☒Contractor Submittals

Description	Revision #
Waste Characterization Review (APL WO No. 6020256) *Revise and Resubmit*	

Sent via:

☐Messenger ☐U.S. Mail ☐Federal Express ☒Email

Sincerely,

CORE Environmental Consultants

Benjamin D. Barrey
Junior Environmental Engineer

CC: Paul Sherwood (IEH)

CORE ENVIRONMENTAL CONSULTANTS

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46-11 54th Avenue, Maspeth, NY 11378 ◆ Phone: 718-786-4730 ◆ Fax: 718-786-4764

Memorandum

Date: March 7, 2016

Re: PS 475Q
89-30 114th Street
Queens, NY 11418
Service ID: 63713
SCA Project ID: D016569

CORE Environmental Consultants (CORE) has reviewed the Analytical Report (APL WO No. 6020256) dated February 9, 2016, Waste Profile Forms and Contractor Certification Letters submitted for Richmond Hill High School. The Analytical Report submittal was prepared by Aqua Pro-tech Laboratories (APL) on behalf of CM & E CON, Inc. and was received electronically by CORE on February 25, 2016. Please find CORE's comments to the submittal below.

Based on a review of the submittal, CORE has the following comments:

1. The proposed transporters Shirley Express, LLC, JC Transport, Inc., and DI Trucking are approved for transporting materials to the Clean Earth of Carteret facility. Please submit a revised EMDP to IEH for review that includes all proposed transporters and associated 6 NYCRR Part 364 Permits.

2. Please provide the waste characterization data, acceptance letter, certification letter and waste profile for materials to be disposed of at Clean Earth of Carteret to the NYCSCA together as a separate submittal.

3. Please provide the waste characterization data, acceptance letter, certification letter and waste profile for materials to be disposed of at 110 Sand Company to the NYCSCA together as a separate submittal. The laboratory report (APL WO No. 6020256) dated February 9, 2016 does not include all the tabulated data required by the proposed disposal facility (e.g. alpha-Chlordane, Naphthalene). Additional TCLP sampling may also be required.

4. Please remove Sandip Patel, CM&E CON, Inc. as the generator from both waste profile forms. The generator is Alexander Lempert, NYCSCA, 30-30 Thompson Avenue, Long Island City, NY 11101. Mr. Lempert will also sign and authorize the waste profile forms upon approval. Please see attached for reference.

5. Please revise the Contractor's certification letters to be addressed directly to the NYCSCA. Please include the language, "We certify that we have provided the disposal facility with all of the data (report #)."

The Submittals have been stamped "Revise and Resubmit".

These comments should not be construed in any way as intent to limit the Contractor's responsibilities. The absence of a comment with respect to a specific Contract requirement should not be interpreted as a suggestion to change the Contract requirement.

All material at the Site is assumed to meet the definition of non-hazardous excavated material (NHEM) as defined in Specification Section 02200, Article 1.05 (C) and this EMDP is applicable to NHEM only. No Petroleum Contaminated Material (PCM) or Hazardous Waste (HW) shall be disposed of without written authorization from IEH and approval of a separate EMDP. If PCM or HW is discovered, notify IEH.

The Contractor is responsible for all waste characterization sampling required by the permit conditions of the selected disposal facility. If the excavated material from the site is rejected by the selected disposal facility for any reason, the Contractor is required to find an alternate facility that will accept the "Non-Hazardous Excavated Material" at no additional cost to the SCA and with no impact to the project schedule. In such instance, the alternate disposal facility must conform to all of the requirements of the Contract Documents, and appropriate revised submittals and approvals will be necessary.

Prior to any backfilling, representative samples of the proposed fill material must be collected and analytical results submitted to IEH for review. The submission should include the laboratory data reports and tabulated data in the format specified in Section 02200, Article 1.05(F). Refer to template 1A in the Earthwork specification.

A health and safety plan (HASP) was not submitted. The health and safety of the Contractor's employees as well as the implementation of the HASP is the sole responsibility of the Contractor.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-870

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

SHIRLEY EXPRESS, LLC
702 RAMSEY AVENUE
HILLSIDE, NJ 07205

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

CONTACT NAME: ANGEL VELARDE
COUNTY: OUT OF STATE
TELEPHONE NO: (862)881-2265

EFFECTIVE DATE: 04/05/2015
EXPIRATION DATE: 04/04/2016
US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
ALHERN HENRY HARRIS SANITARY LANDFILL	HARRISON TOWNSHIP , NJ	Petroleum Contaminated Soil	
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Petroleum Contaminated Soil	
CLEAN EARTH OF CARTERET	CARTERET , NJ	Petroleum Contaminated Soil	
CLEAN EARTH OF MARYLAND	HAGERSTOWN , MD	Petroleum Contaminated Soil	
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Petroleum Contaminated Soil	
CLEAN EARTH OF NEW JERSEY	SOUTH KEARNY , NJ	Petroleum Contaminated Soil	
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Petroleum Contaminated Soil	
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Petroleum Contaminated Soil	
GROWS LANDFILL (WASTE MGT.)	MORRISVILLE , PA	Asbestos	
JERC PARTNERS VII/LLC	EDISON , NJ	Petroleum Contaminated Soil	
MALANKA MILL LANDFILL	SECAUCUS , NJ	Petroleum Contaminated Soil	
SOIL SAFE, INC.	LOGAN TOWNSHIP , NJ	Petroleum Contaminated Soil	
SOIL SAFE-METRO 12	CARTERET , NJ	Non-Hazardous Industrial/Commercial	
TETERBORO LANDING	TETERBORO , NJ	Petroleum Contaminated Soil	
TULLYTOWN LANDFILL	MORRISVILLE , PA	Asbestos	

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS: New York State Department of Environmental Conservation
Division of Materials Management - Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7251

AUTHORIZED SIGNATURE: MJMcTague Date: 3 / 31 / 15

NOTICE

This permit is not valid until the effective date listed on the permit

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-870

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364 .

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SHIRLEY EXPRESS, LLC
702 RAMSEY AVENUE
HILLSIDE, NJ 07205

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- ☐ MODIFICATION

CONTACT NAME: ANGEL VELARDE
COUNTY: OUT OF STATE
TELEPHONE NO: (862)881-2265

EFFECTIVE DATE: 04/05/2015
EXPIRATION DATE: 04/04/2016
US EPA ID NUMBER:

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

26 (Twenty Six) Permitted Vehicle(s)

NJ AN397Z
NJ AN983X
NJ AP160M
NJ AP161M
NJ AP207R
NJ AP493Y
NJ AP494Y
NJ AP600J
NJ AP645E
NJ AP752U
NJ AP993P
NJ AR407C
NJ AR770E
NJ AR922F
NJ AS109D
NJ AS116B
NJ AS122L
NJ AS124L
NJ AS125L
NJ AS252C
NJ AS253C
NJ AS261B
NJ AS352F
NJ AS836B
NJ AS837B
NJ AS838B
End of List

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-883

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

JC TRANSPORT, INC.
10 CAMPBELL AVAENUE
BELLEVILLE, NJ 07109

CONTACT NAME: JORGE CORONEL
COUNTY: OUT OF STATE
TELEPHONE NO: (973)418-2917

PERMIT TYPE:

☐ NEW
☐ RENEWAL
■ MODIFICATION

EFFECTIVE DATE: 09/06/2015
EXPIRATION DATE: 08/09/2016
US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
BAYSHORE SOIL MANAGEMENT, LLC	KEASBEY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BURLINGTON COUNTY RESOURCE RECOVERY COMPLEX	MANSFIELD , NJ	Non-Hazardous Industrial/Commercial	
CLEAN EARTH OF CARTERET	CARTERET , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NEW JERSEY	SOUTH KEARNY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CONESTOGA LANDFILL	MORGANTOWN , PA	Non-Hazardous Industrial/Commercial	
GLOUCESTER COUNTY IMPROVEMENT AUTHORITY	SWEDESBORO , NJ	Non-Hazardous Industrial/Commercial	
IMPACT RECOVERY AND REUSE CENTER	LYNDHURST , NJ	Non-Hazardous Industrial/Commercial	
MALANKA (MALL) LANDFILL	SECAUCUS , NJ	Non-Hazardous Industrial/Commercial	
MIDDLESEX COUNTY UA - EDGEBORO LANDFILL	EAST BRUNSWICK , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
MORRIS BLANCHARD REDEVELOPMENT	NEWARK , NJ	Non-Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS: New York State Department of Environmental Conservation
Division of Materials Management - Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7251

AUTHORIZED SIGNATURE: _____ Date: 9 / 4 / 15

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-883

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

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JC TRANSPORT, INC.
10 CAMPBELL AVAENUE
BELLEVILLE, NJ 07109

PERMIT TYPE:

☐ NEW
☐ RENEWAL
■ MODIFICATION

CONTACT NAME:	JORGE CORONEL	EFFECTIVE DATE:	09/06/2015
COUNTY:	OUT OF STATE	EXPIRATION DATE:	08/09/2016
TELEPHONE NO:	(973)418-2917	US EPA ID NUMBER:	

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

33 (Thirty Three) Permitted Vehicle(s)

NJ AK201S
NJ AK972W
NJ AL312C
NJ AL794W
NJ AM880C
NJ AN421H
NJ AN951K
NJ AP124L
NJ AP158Y
NJ AP345S
NJ AP391B
NJ AP395N
NJ AP414M
NJ AP440M
NJ AP668X
NJ AP733S
NJ AP962W
NJ AR207H
NJ AR438F
NJ AR497D
NJ AR498D
NJ AR610G
NJ AR611G
NJ AR874C
NJ AS121E
NJ AS307C
NJ AS319F
NJ AS401T
NJ AS487S
NJ AS488S
NJ AS579L
NJ AS622A
NJ AS736S
End of List

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-928

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

DI TRUCKING
110 JABEZ STREET, SUITE 231
NEWARK, NJ 07105

PERMIT TYPE:

☐ NEW
☐ RENEWAL
■ MODIFICATION

CONTACT NAME: DANILO L. CARVALHO SILVA
COUNTY: OUT OF STATE
TELEPHONE NO: (862)588-1035

EFFECTIVE DATE: 01/13/2016
EXPIRATION DATE: 01/08/2017
US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
BAYSHORE SOIL MANAGEMENT, LLC	KEASBEY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BETHLEHEM EARTH, LP	BETHLEHEM , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BLANCHARD FACILITY	NEWARK , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CARTERET(CLEAN EARTH)	CARTERET , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF MARYLAND	HAGERSTOWN , MD	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS: New York State Department of Environmental Conservation
Division of Materials Management - Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7251

AUTHORIZED SIGNATURE: _____ Date: 1/13/16

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-928

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

DI TRUCKING
110 JABEZ STREET, SUITE 231
NEWARK, NJ 07105

PERMIT TYPE:

☐ NEW
☐ RENEWAL
■ MODIFICATION

CONTACT NAME:	DANILO L. CARVALHO SILVA	EFFECTIVE DATE:	01/13/2016
COUNTY:	OUT OF STATE	EXPIRATION DATE:	01/08/2017
TELEPHONE NO:	(862)588-1035	US EPA ID NUMBER:	

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

33 (Thirty Three) Permitted Vehicle(s)

NJ AP134Z
NJ AP377P
NJ AP444Z
NJ AP508N
NJ AP584U
NJ AP900P
NJ AP974T
NJ AR291B
NJ AR464G
NJ AR713H
NJ AR770G
NJ AR771G
NJ AR804C
NJ AS119T
NJ AS120T
NJ AS121T
NJ AS129M
NJ AS159M
NJ AS262T
NJ AS263T
NJ AS287D
NJ AS316W
NJ AS3745
NJ AS442U
NJ AS619C
NJ AS620C
NJ AS621C
NJ AS712W
NJ AS811S
NJ AS812S
NJ AS838K
NJ AS839K
NJ AS853C
End of List

CM&E CON, INC.

20 Corrielle Street, Fords, NJ 08863 Phone: (732)738-5152 Fax: (732)738-5154

Date: 2/25/2016

ALEXANDER LEMPERT
NYCSCA
30-30 THOMPSON AVE.
LONG ISLAND CITY, NY 11101

TO WHOMSOEVER IT MAY CONCERN

MR. LEMPERT,

We here by certify that we have provided ALL THE analytical data REPORT # from waste characterization sampling to proposed disposal facility 110 Sand Company on February, 22nd 2016 .

Sandip Patel
Vice President

CM& EON, INC.
20 Corrielle Street
Fords, NJ 08863

CORE Environmental Consultants

JOB NO.: D016569

- ☐ CONFORMS
- ☐ CONFORMS AS NOTED
- ☒ REVISE AS NOTED AND RESUBMIT
- ☐ REJECTED, RESUBMIT
- ☐ REVIEW NOT REQUIRED

BY: B. BARREY

DATE: 3/7/16

THIS DOCUMENT HAS BEEN REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY.

The comments should not be construed in any ways as intent to limit the contractor's responsibilities. The absence of a comment with respect to a specific contract requirement should not be interpreted as a suggestion to change a contract requirement.

110 Sand Company Waste Profile Form

CFDS Location:
136 Spagnoli Road
Melville, NY 11747

Mailing Address:
170 Cabot Street
West Babylon, NY 11704

Submitted By:

Name:	~~Sandip Patel~~	ALEXANDER LEMPERT
Company:	~~CM&E CON, INC.~~	NYCSCA
Address:	~~20 Corrielle Street~~	30 - 30 THOMPSON AVE.
	~~Fords, NJ 08863~~	LONG ISLAND CITY, NY 11101
Phone:	~~732-738-5152~~	(718) 472 - 8501
Fax:	~~732-738-5154~~	

Analytical ID Number: ANV-2328-1,2,3,4,5,6,7

Site Description: Richmond Hill HS
89-30 114 Street,
Queens, NY 11418

Waste Description: (Include approximate yardage / tonnage)
Non Hazardous Excavated Materials as defined by NYC SCA Specification 2200 approximately 500 cubic yards
The material present as fine sand and dirt with some small natural stone and gravel mixed and it uniformly medium brown in color.

Site History: The site is New York City School Playground

Regulatory/Government Official Contact:

Name:	N/A
Title:	
Agency:	
Phone:	

Approximate Start Date of Job: February 22, 2015

Waste Carter:

Name:	Ann Marie Russo
Company:	A. Russo Wrecking, Inc.
Address:	67 East Avenue
	Lawrence, NY 11559
Phone:	516 239 8823
Fax:	516 239 9324

Payor:

Name:	Sandip Patel
Company:	CM&E CON INC.
Address:	20 Corrielle Street
	Fords, NJ 08863
Phone:	732-738-5152
Fax:	732-738-5154

CORE Environmental Consultants

JOB NO.: D016 569

- ☐ CONFORMS
- ☐ CONFORMS AS NOTED
- ☒ REVISE AS NOTED AND RESUBMIT
- ☐ REJECTED, RESUBMIT
- ☐ REVIEW NOT REQUIRED

BY: B. BARRY

DATE: 3/7/16

THIS DOCUMENT HAS BEEN REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY.

The comments should not be construed in any ways as intent to limit the contractor's responsibilities. The absence of a comment with respect to a specific contract requirement should not be interpreted as a suggestion to change a contract requirement.

Signed: ~~Sandip Patel~~ ALEXANDER LEMPERT

Date: ~~02/19/2016~~

Please return form to Jim Debis

Fax: 631-460-7495
Email: jimd@110sand.com

CM&E CON, INC.

20 Corrielle Street, Fords, NJ 08863 Phone: (732)738-5152 Fax: (732)738-5154

Date: 3/2/2016

ALEXANDER LEMPERT
30-30 THOMPSON AVE.
LONG ISLAND CITY, NY 11101

TO WHOMSOEVER IT MAY CONCERN

MR. LEMPERT,

We here by certify that we have provided ALL ANALYTICAL analytical data REPORT # from waste characterization sampling to proposed disposal facility Clean Earth of Carteret 2016 .

Sandip Patel
Vice President

CM&E CON, INC.
20 Corrielle Street
Fords, NJ 08863

CORE Environmental Consultants

JOB NO.: D016569

- ☐ CONFORMS
- ☐ CONFORMS AS NOTED
- ☒ REVISE AS NOTED AND RESUBMIT
- ☐ REJECTED, RESUBMIT
- ☐ REVIEW NOT REQUIRED

BY: B. BARRETT

DATE: 3/7/16

THIS DOCUMENT HAS BEEN REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY.

The comments should not be construed in any ways as intent to limit the contractor's responsibilities. The absence of a comment with respect to a specific contract requirement should not be interpreted as a suggestion to change a contract requirement.

CLEANEARTH®

Faster, smarter, greener solutions.™

EXHIBIT A
Material Profile Sheet

CORE Environmental Consultants

JOB NO.: D01L-569

☐ CONFORMS
☐ CONFORMS AS NOTED
☒ REVISE AS NOTED AND RESUBMIT
☐ REJECTED, RESUBMIT
☐ REVIEW NOT REQUIRED

BY: B. BARZEY

DATE: 3/7/16

THIS DOCUMENT HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY.

The comments should not be construed in any way as intent to limit the contractor's responsibilities. The absence of a comment with respect to a specific contract requirement should not be interpreted as a suggestion to change a contract requirement.

Global Profile #
Sales Rep: Richard Crawford

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
T 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
T 301-791-6220

☐ Clean Earth of Williamsport
208 Colvin Road
Williamsport, PA 17701
T 570-505-1958

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
T 215-428-1700

☐ Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
T 215-724-5520

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
T 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
T 301-599-0939

NYCSCA
~~ALEX LEMPERT~~
30-30 THOMPSON AVE
LONG ISLAND CITY, NY
(718) 472-8501
ALEX LEMPERT @ nycsca.org
QUEENS

A. Waste Generator/Job Site Information

1. Generator Name: CM&E CON, INC
2. Generator Address: 20 Corrielle Street
3. Generator Cty/St/Zip: Fords, NJ 08863
4. Generator Phone: 732-738-5152
5. Generator Contact: Sandip Patel
6. Generator Email: Sandippatel@cmeconinc.com
7. Generator County: Middlesex
8. Job Site Name: Richmond Hill H.S.
9. Job Site Address: 89-30 114th Street
10. Job Site Cty/St/Zip: Queens, NY 11418
11. Job Site Phone: 732-646-3204
12. Job Site Contact: Anthony Cappizzo
13. Job Site Email: acappizzo@cmeconinc.com
14. Job Site County: Queens

Billing Information

15. Customer Name: CM&E CON, INC.
16. Customer Address: 20 Corrielle Street
17. Customer Cty/St/Zip: Fords, NJ 08863
18. Customer Phone: 732-738-5152
19. Customer Contact: Sandip Patel
20. Customer Email: Sandippatel@cmeconinc.com

B. Waste Stream Information

1. Name of waste: Non Hazardous Excavated Material
2. State waste code(s) (if applicable):
3. Process generating waste (attach separate sheet, if necessary):
4. Is this waste a soil amendment (i.e., bio-solids, paper pulp sludge, lime neutralized Industrialized water sludge, water potable treatment plant sludge)? ☐ Yes ☒ No ☐ N/A
5. Estimated quantity of waste: 500 ☐ Tons ☐ Gallons ☒ Cubic Yards
6. Term of project: ☐ Recurring ☐ One Time

C. Waste Composition/Characteristics

1. Source of contamination (i.e., UST, AST, leak, spill, non specific):
2. Type of contamination (i.e., diesel, gasoline, waste oil, heating oil, MGP, etc.): SEE ANALYTICAL REPORT
3. Contaminants of concern:
4. Provide a site history detailing past and present land uses, on site storage/process information, and any activities related to contaminants of concern (attach a separate sheet if necessary): New York City School Playground.
5. Composition of waste (clay, rock, sand, moisture, chemical, constituents, contaminants, etc., should equal 100%): SOIL – 95 % WATER – 5 %
6. Is this site a State or Federal Superfund Site? ☐ Yes ☒ No
7. Is laboratory report being supplied with this profile? ☒ Yes ☐ No
   7a. If yes, you will need to attach a sampling plan description and a diagram of sampling locations that ties to the data. Please refer to the "Site Sampling Diagram" form in your approval package for guidance.
8. Is the waste represented in this waste profile classified as a radioactive material under USEPA 40 CFR 191.12 or other applicable regulatory provisions? NOT SUSPECTED, NOT TESTED ☐ Yes ☒ No
9. Does the waste represented contain any levels of polychlorinated biphenyls (PCBs)? ☐ Yes ☒ No
   9a. If yes, list the level:
   9b. If yes, is the waste material TSCA regulated or defined as a PCB remediation waste under TSCA? ☐ Yes ☐ No ☒ N/A
10. Does the waste represented contain herbicides, pesticides, asbestos, insecticides or residues thereof at concentrations that would render it hazardous as defined by 40 CFR 261 or subject to additional state or federal regulations? NOT ~~TESTED~~ SUSPECTED FOR ASBESTOS, NOT TESTED ☐ Yes ☒ No

PLEASE PRINT IN INK OR TYPE

CORE Environmental Consultants

Global Job#: D016569

Sales Rep: Richard Crawford

☐ CONFORMS ☐ CONFORMS AS NOTED ☒ REVISE AS NOTED AND RESUBMIT ☐ REJECTED, RESUBMIT ☐ REVIEW NOT REQUIRED

BY: B. Barberry DATE: 3/7/16

THIS DOCUMENT HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY. The comments should not be construed in any way as intent to limit the contractor responsibilities. The absence of a comment does not be interpreted as a suggestion to disregard a specific contract requirement etc. contract requirement.

C. Waste Composition/Characteristics (continued)

11. The waste represented in this profile is generated as a result of the corrective response taken under the Federal Underground Storage Tank Regulation 40 CFR 280. ☐ Yes ☒ No
12. Is the waste a dioxin bearing waste? NOT SUSPECTED, NOT TESTED ☐ Yes ☒ No
13. Is the waste a treatment residue from a previously listed or characteristic hazardous waste? ☐ Yes ☒ No
14. Is there a nuisance level of odor associated with this waste? ☐ Yes ☒ No
15. Are there any special handling instructions for management of this waste? ☐ Yes ☒ No
16. Have any odor suppressing foams or absorbents been added to the waste? ☐ Yes ☒ No
17. Does this waste represented contain Coal Combustion By-products (CCB); e.g., Fly Ash, Slag? (Applicable to Maryland facilities.) ☐ Yes ☒ No ☒ N/A
18. If yes to any of the above questions, please explain (attach an additional sheet if necessary):

D. Generator Certification

1. I certify that the waste represented by this profile is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any characteristics of a hazardous waste as defined by 40 CFR 261. ☒ Yes ☐ No
2. I certify that this waste profile and all attachments contain true and accurate descriptions of the waste material. ☒ Yes ☐ No
3. I certify that all relevant information in possession of the Generator pertaining to known or suspected hazards with regard to the waste has been disclosed to Clean Earth. ☒ Yes ☐ No
4. I certify that all changes that occur in the characteristics of the waste will be identified by the Generator and disclosed to Clean Earth prior to providing the waste to Clean Earth. ☒ Yes ☐ No
5. I certify that the analytical data attached hereto are derived from testing representative sample(s) as referenced in 40 CFR 261.20 or an equivalent state regulatory provision. ☒ Yes ☐ No ☐ N/A
6. For sites that contain "clean fill," the undersigned certifies that a site investigation was conducted and that the soil was characterized according to the proposed Clean Earth facility(s) acceptance criteria for soil classification as "clean fill" and where applicable in accordance with the Pennsylvania Management of Fill Policy. ☐ Yes ☐ No ☒ N/A
7. The undersigned has determined the non-hazardous status of the said waste is in accordance with 40 CFR 262.11. Should, at any time after delivery, the material accepted by Clean Earth be found to be non-conforming to the information certified in this profile and represented by documentation attached hereto, it becomes the responsibility of the Generator/Agent to remove the waste from the designated Clean Earth facility within five (5) days of notification. Notification is to be verbal followed by written notification, overnight receipted. It is the Generator's/Agent's responsibility to abide by all Federal, State and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period, said disposal shall be arranged by a Clean Earth representative and billed to the Generator/Agent at cost plus basis. Furthermore, the Generator/Agent will be responsible for any and all costs for decontamination required by the Clean Earth facility that is related to the Generator's/Agent's material and all liability for such nonconforming waste shall revert to Generator/Agent. ☒ Yes ☐ No

remove

*Certification

Signature: [signature] Date: 3/02/2016

Name (type or print): Sandip Patel ALEX LEMPERT Company: CM&E CON, INC. NYCSEA

*If someone other than the Generator is signing this profile or intends to sign any paperwork (which includes, but is not limited to, additional certifications, manifests, etc.) pertaining to this waste profile, authorization from the Generator, on the Generator's letterhead, must be supplied to Clean Earth prior to acceptance of waste material.

E. Clean Earth Waste Approval Decision

1. Treatment Option(s) _____
2. Proposed Treatment Facility(s) _____
3. Supplemental information (special handling, hours of acceptance, etc.): _____
4. Approval decision: ☐ Approved ☐ Denied Approved tonnages: _____

4a. If denied, please indicate the reason in the space provided: _____

5. Approval Signature: _____ Date: _____
6. Facility Manager's Signature: _____ Date: _____

APL

AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

ACCREDITED IN ACCORDANCE WITH nelac

CORE Environmental Consultants

JOB NO.: D016569

- ☐ CONFORMS
- ☒ CONFORMS AS NOTED
- ☐ REVISE AS NOTED AND RESUBMIT
- ☐ REJECTED, RESUBMIT
- ☐ REVIEW NOT REQUIRED

BY: B. BARREY

DATE: 3/7/16

THIS DOCUMENT HAS BEEN REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY.

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ANALYTICAL RESULTS

RESULTS DELIVERABLES FORMAT

APL Work Order Number: 6020256

ANS Consultants

Project: 89-30, 114th Street, Queens NY

Brian Wood
Laboratory Director

All Results meet the requirements of the National Environmental Laboratory Accreditation Conference and/or State specific certifications as applicable.

1275 Bloomfield Ave., Bldg. 6, Fairfield, New Jersey 07004
(t) 973.227.0422 (f) 973.227.2813 (w) www.aquaprotechlabs.com

NELAC National Environmental Laboratory Accreditation Conference
NJDEP #07010 / NYDOH #11634 / PADEP #68-02903

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Sample Summary

Work Order: 6020256

Client: ANS Consultants

Project: 89-30, 114th Street, Queens NY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ANV-2328-2	6020256-01	Soil	02/08/2016 16:30	02/09/2016 10:40
ANV-2328-3	6020256-02	Soil	02/08/2016 16:30	02/09/2016 10:40
ANV-2328-4	6020256-03	Soil	02/08/2016 16:30	02/09/2016 10:40
ANV-2328-5	6020256-04	Soil	02/08/2016 16:30	02/09/2016 10:40
ANV-2328-6	6020256-05	Soil	02/08/2016 16:30	02/09/2016 10:40
ANV-2328-7 Comp	6020256-06	Soil	02/08/2016 16:30	02/09/2016 10:40

APL 6020256

AQUA PRO-TECH LABORATORIES

www.aquaprotechlabs.com

1275 BLOOMFIELD AVENUE • BUILDING 6
FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
FAX: 973.227.2813

CHAIN OF CUSTODY

Client: C.M & E. Con, Inc.

PAGE 1 OF 1

CLIENT: ANS Consultants Inc.	SEND REPORT TO: ⇐
ADDRESS: 4405 South Clinton Avenue	ADDRESS: ⇐
South Plainfield NJ 07080	
PHONE: 908-754-8383	PHONE: ⇐
E-MAIL: ansgeoine@yahoo.com vinyanka@ansconsultants.net	FAX: ⇐
PROJECT NAME: 89-30, 114th Street, Queens NY	SEND INVOICE TO: Mr. Atul Shah
PROJECT MGR: Mr. Atul Shah	ADDRESS: Same as above
PROJECT or PO #: ANV-2328	SAMPLED BY: Vikas

TURN-AROUND TIME

- [ ] APL STANDARD 2 weeks
- [x] RUSH (choose one below)
  - [ ] 24 hr. date & time required
  - [ ] 48 hr. date & time required
  - [ ] 72 hr. date & time required
  - [ ] 1 week

in 5 working days

REPORT FORMAT

- [ ] RESULTS ONLY
- [ ] NJ DEP REDUCED
- [ ] NJ DEP FULL
- [ ] STATE FORMS/E2 REPORTING

PWSID#

ELECTRONIC FORMAT

- [x] EMAIL DELIVERY
- [ ] HAZSITE EDD
- [x] EXCEL

SRP#

Intermediate Reduced Deliverables

CONTAMINATION LEVEL

[ ] HIGH [ ] MEDIUM [ ] LOW

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE C - CONCRETE L - LAKE

APL Lab ID#	Sample Source: Field ID	Date	Time	Sample Type: GRAB	Sample Type: COMP	MATRIX	No. of Bottles	Preservative	Analysis Requested
6020256-01	ANV-2328-2	2/08/16	4:30pm	X		S	3	Encores	VOC's
-02	ANV-2328-3	2/08/16	4:30pm	X		S	3	Encores	
-03	ANV-2328-4	2/08/16	4:30pm	X		S	3	Encores	
-04	ANV-2328-5	2/08/16	4:30pm	X		S	3	Encores	
-05	ANV-2328-6	2/08/16	4:30pm	X		S	3	Encores	
-									
-06	ANV-2328-7	2/08/16	4:45pm		X	S	3	8oz Jars	NY 375.6.8(B) Stds including SVO, PCB, pesticides inorganics.
-07	" - Grab								

RELINQUISHED BY (Print) Andres Parra	DATE 2/09/16	RECEIVED BY (Print) John Gonzalez	
Signature Andres Parra	Time 7:00am	Signature	
RELINQUISHED BY (Print)	DATE	RECEIVED BY (Print)	
Signature	Time	Signature	
RELINQUISHED BY (Print)	DATE	RECEIVED BY (Print)	
Signature	Time	Signature	

COMMENTS/SPECIAL INSTRUCTIONS

Cooler Temp. upon receipt at lab 3.6

CERTIFICATIONS: NELAP (National Environmental Laboratory Accredation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634 CTPH #0233 US ARMY

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples

Ref. No. G 100-02324

APL

AQUA PRO-TECH LABORATORIES

Certified Environmental Testing

Sample Receiving Non-Conformance Report

Date: 2/9/16

Client: ANS Consultants

APL Order # 6020256-(01-05)

Non-Conformance:

Client did not send in soil jars for percent solids.

1275 Bloomfield Ave., Bldg. 6, Fairfield, New Jersey 07004
(t) 973.227.0422 (f) 973.227.2813 (w) www.aquaprotechlabs.com

NELAC National Environmental Laboratory Accreditation Conference
NJDEP #07010 / NYDOH #11634

Extractable Petroleum Hydrocarbons:

Gas Chromatography/Flame Ionization Detector

New Jersey Department of Environmental Protection Site Remediation Program Extractable Petroleum Hydrocarbons Methodology (Version 3.0).
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8015B or NJDEP Office of Quality Assurance Quantitation of Semi-Volatile Petroleum Products in Water, Soil and Sediment OQA-QAM-025, Revision 6.

Metals:

Inductively-Coupled Plasma Atomic Emission Spectrometry or Inductively-Coupled Plasma Mass Spectroscopy

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 200.7, Method 200.8.
Soil Samples-USEPA Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 6010B.

Mercury:

Cold Vapor Atomic Absorption Spectrometry

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 245.1.
Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 7171A.

Volatile Organic Compounds:

Purge and Trap Gas Chromatography/Mass Spectroscopy

Drinking Water Samples-USEPA Methods for the Determination of Organic Compounds in Drinking Water, Method 524.2.
Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 624, Method 8260B.
Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8260B.

Semi-Volatile Organic Compounds:

Gas Chromatography/Mass Spectroscopy

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 625, Method 8270C.
Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8270C.

Pesticides:

Gas Chromatography/Electron Capture Detector

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 608, Method 8081A.
Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8081A.

Polychlorinated Biphenyls (PCBs):

Gas Chromatography/Electron Capture Detector

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 608, Method 8082.
Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8082

General Chemistry Methods:

Various general chemistry methods are taken from "Standard Methods for the Examination of Water and Wastewater, 19th Edition".

Specific method citations can be found on the Analytical Results Summary page of this report listed under 'Method'.

MDL:

Method Detection Limit. The minimum reportable concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The value is calculated from the analysis of seven replicates of a spike sample. On analytical reports this value is corrected for percent moisture and any concentration or dilution factors.

RL:

Reporting Limit. The Concentration of the lowest calibration standard that was included in the initial calibration of the instrument. On analytical reports this value is corrected for percent moisture and any concentration or dilution factors.

Concentration (Conc) / Result:

If the compound is detected, the measured concentration is reported. If this column is left blank, or contains a 'less than' (<) symbol, the compound was not detected.

Tentatively Identified Compound (TIC):

A TIC is a non-targeted compound, not included in the calibration, identified by a mass spectral library search.

Qualifiers:

- **U:** Indicates the compound was analyzed for but was not detected.
- **J:** Indicates an estimated value. All tentatively identified compounds (TICs) and results below the RL receive this qualifier.
- **B:** Indicates the analyte was found in the method blank as well as the sample.
- **N:** Used when reporting a specific tentatively identified compound.
- **E:** Indicates that the concentration of the compound exceeds the calibration range of the instrument. The results of a diluted analysis will also be reported. The results of the dilution should be used for those compounds exceeding the calibration range in the undiluted analysis.

Positive Results Only Summary

6020256-02 (Soil) Sample Name: **ANV-2328-3**

SW 846 8260B - Volatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
m+p-Xylenes	0.000554	J	0.000456	0.00903	mg/kg dry	1	2/9/16 20:27
Total Xylenes	0.000554	J	0.000232	0.00452	mg/kg dry	1	2/9/16 20:27

6020256-06 (Soil) Sample Name: **ANV-2328-7 Comp**

[CALC] - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Chromium, Trivalent	9.13		0.0123	0.266	mg/kg dry	1	2/15/16 8:36

SM 2580 (mod) - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Redox Potential	178		-1000	-1000	mV	1	2/9/16 12:30

SW 846 6010B - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	4.89		0.119	0.532	mg/kg dry	1	2/15/16 8:36
Barium	34.5		0.0407	0.532	mg/kg dry	1	2/15/16 8:36
Beryllium	0.265		0.00199	0.0266	mg/kg dry	1	2/15/16 8:36
Cadmium	0.321		0.0388	0.0532	mg/kg dry	1	2/15/16 8:36
Chromium	9.13		0.0123	0.266	mg/kg dry	1	2/15/16 8:36
Copper	18.0		0.0473	0.266	mg/kg dry	1	2/15/16 8:36
Lead	60.3		0.152	0.532	mg/kg dry	1	2/15/16 8:36
Manganese	157		0.0115	0.266	mg/kg dry	1	2/15/16 8:36
Nickel	8.28		0.0596	0.133	mg/kg dry	1	2/15/16 8:36
Zinc	161		0.0455	0.798	mg/kg dry	1	2/15/16 8:36

SW 846 7471B - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Mercury	0.0970		0.0118	0.0241	mg/kg dry	1	2/15/16 11:09

SW 846 8081A - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Aldrin [2C]	0.00110	J	0.000808	0.00146	mg/kg dry	1	2/11/16 18:32
Chlordane	0.0164		0.000980	0.00146	mg/kg dry	1	2/11/16 18:32

SW 846 8270C - Semivolatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
2-Methylnaphthalene	0.0821	J	0.0253	0.149	mg/kg dry	1	2/11/16 0:17
Acenaphthene	0.0714	J	0.0193	0.149	mg/kg dry	1	2/11/16 0:17
Acenaphthylene	0.307		0.0220	0.149	mg/kg dry	1	2/11/16 0:17
Anthracene	0.255		0.0203	0.149	mg/kg dry	1	2/11/16 0:17
Benzo(a)anthracene	0.921		0.0169	0.149	mg/kg dry	1	2/11/16 0:17
Benzo(a)pyrene	0.969		0.0132	0.149	mg/kg dry	1	2/11/16 0:17

Positive Results Only Summary

6020256-06 (Soil) Sample Name: **ANV-2328-7 Comp**

SW 846 8270C - Semivolatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Benzo(b)fluoranthene	1.60		0.0255	0.149	mg/kg dry	1	2/11/16 0:17
Benzo(g,h,i)perylene	0.398		0.0301	0.149	mg/kg dry	1	2/11/16 0:17
Benzo(k)fluoranthene	0.572		0.0274	0.149	mg/kg dry	1	2/11/16 0:17
Carbazole	0.196	J	0.0224	0.374	mg/kg dry	1	2/11/16 0:17
Chrysene	1.09		0.0265	0.149	mg/kg dry	1	2/11/16 0:17
Dibenzo(a,h)anthracene	0.111	J	0.0263	0.149	mg/kg dry	1	2/11/16 0:17
Dibenzofuran	0.0415	J	0.0241	0.149	mg/kg dry	1	2/11/16 0:17
Dimethylphthalate	0.117	J	0.0192	0.149	mg/kg dry	1	2/11/16 0:17
Fluoranthene	1.82		0.0206	0.149	mg/kg dry	1	2/11/16 0:17
Fluorene	0.0764	J	0.0237	0.149	mg/kg dry	1	2/11/16 0:17
Indeno(1,2,3-cd)pyrene	0.395		0.0307	0.149	mg/kg dry	1	2/11/16 0:17
Phenanthrene	0.779		0.0197	0.149	mg/kg dry	1	2/11/16 0:17
Pyrene	1.53		0.0189	0.149	mg/kg dry	1	2/11/16 0:17

SW 846 9010B - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Cyanide	0.449		0.0842	0.281	mg/kg dry	1	2/10/16 10:00

SW 9040B - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
pH	8.53		0.0100	0.0100	pH Units	1	2/9/16 12:30

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Certified Environmental Testing

All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-01 (Soil) Sample Name: **ANV-2328-2** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
1,1,1-Trichloroethane	ND	U	0.000426	0.00292	mg/kg	1	2/9/16 19:58
1,1,2,2-Tetrachloroethane	ND	U	0.000402	0.00292	mg/kg	1	2/9/16 19:58
1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	U	0.00125	0.00583	mg/kg	1	2/9/16 19:58
1,1,2-Trichloroethane	ND	U	0.000491	0.00292	mg/kg	1	2/9/16 19:58
1,1-Dichloroethane	ND	U	0.000426	0.00292	mg/kg	1	2/9/16 19:58
1,1-Dichloroethene	ND	U	0.000540	0.00292	mg/kg	1	2/9/16 19:58
1,2,3-Trichlorobenzene	ND	U	0.000630	0.00292	mg/kg	1	2/9/16 19:58
1,2,4-Trichlorobenzene	ND	U	0.000777	0.00292	mg/kg	1	2/9/16 19:58
1,2,4-Trimethylbenzene	ND	U	0.000402	0.00292	mg/kg	1	2/9/16 19:58
1,2-Dibromo-3-chloropropane	ND	U	0.000712	0.00729	mg/kg	1	2/9/16 19:58
1,2-Dibromoethane	ND	U	0.000367	0.00292	mg/kg	1	2/9/16 19:58
1,2-Dichlorobenzene	ND	U	0.000515	0.00292	mg/kg	1	2/9/16 19:58
1,2-Dichloroethane	ND	U	0.000411	0.00292	mg/kg	1	2/9/16 19:58
1,2-Dichloropropane	ND	U	0.000478	0.00292	mg/kg	1	2/9/16 19:58
1,3,5-Trimethylbenzene	ND	U	0.000458	0.00292	mg/kg	1	2/9/16 19:58
1,3-Dichlorobenzene	ND	U	0.000214	0.00729	mg/kg	1	2/9/16 19:58
1,4-Dichlorobenzene	ND	U	0.000420	0.00292	mg/kg	1	2/9/16 19:58
2-Butanone	ND	U	0.000475	0.00729	mg/kg	1	2/9/16 19:58
2-Hexanone	ND	U	0.000273	0.00729	mg/kg	1	2/9/16 19:58
4-Methyl-2-pentanone	ND	U	0.000365	0.00292	mg/kg	1	2/9/16 19:58
Acetone	ND	U	0.000884	0.00729	mg/kg	1	2/9/16 19:58
Benzene	ND	U	0.000265	0.00292	mg/kg	1	2/9/16 19:58
Bromochloromethane	ND	U	0.000538	0.00292	mg/kg	1	2/9/16 19:58
Bromodichloromethane	ND	U	0.000366	0.00292	mg/kg	1	2/9/16 19:58
Bromoform	ND	U	0.000512	0.00292	mg/kg	1	2/9/16 19:58
Bromomethane	ND	U	0.000841	0.00729	mg/kg	1	2/9/16 19:58
Carbon disulfide	ND	U	0.000418	0.00292	mg/kg	1	2/9/16 19:58
Carbon Tetrachloride	ND	U	0.000439	0.00292	mg/kg	1	2/9/16 19:58
Chlorobenzene	ND	U	0.000423	0.00292	mg/kg	1	2/9/16 19:58
Chlorodibromomethane	ND	U	0.000359	0.00292	mg/kg	1	2/9/16 19:58
Chloroethane	ND	U	0.000497	0.00292	mg/kg	1	2/9/16 19:58
Chloroform	ND	U	0.000490	0.00729	mg/kg	1	2/9/16 19:58
Chloromethane	ND	U	0.00112	0.00292	mg/kg	1	2/9/16 19:58
cis-1,2-Dichloroethene	ND	U	0.000141	0.00292	mg/kg	1	2/9/16 19:58
cis-1,3-Dichloropropene	ND	U	0.000369	0.00292	mg/kg	1	2/9/16 19:58
Cyclohexane	ND	U	0.000646	0.00292	mg/kg	1	2/9/16 19:58
Dichlorodifluoromethane	ND	U	0.000984	0.00292	mg/kg	1	2/9/16 19:58
EthylBenzene	ND	U	0.000395	0.00729	mg/kg	1	2/9/16 19:58

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-01 (Soil) Sample Name: **ANV-2328-2** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS (con't)

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Isopropylbenzene	ND	U	0.000458	0.00729	mg/kg	1	2/9/16 19:58
m+p-Xylenes	ND	U	0.000736	0.0146	mg/kg	1	2/9/16 19:58
Methyl Acetate	ND	U	0.000386	0.00729	mg/kg	1	2/9/16 19:58
Methyl tert-Butyl Ether	ND	U	0.000493	0.00292	mg/kg	1	2/9/16 19:58
Methylcyclohexane	ND	U	0.000470	0.00292	mg/kg	1	2/9/16 19:58
Methylene Chloride	ND	U	0.000876	0.00729	mg/kg	1	2/9/16 19:58
n-Butylbenzene	ND	U	0.000599	0.00729	mg/kg	1	2/9/16 19:58
n-Propylbenzene	ND	U	0.000397	0.00729	mg/kg	1	2/9/16 19:58
o-Xylene	ND	U	0.000375	0.00729	mg/kg	1	2/9/16 19:58
p-Dioxane	ND	U	0.126	0.583	mg/kg	1	2/9/16 19:58
sec-Butylbenzene	ND	U	0.000378	0.00292	mg/kg	1	2/9/16 19:58
Styrene	ND	U	0.000417	0.00292	mg/kg	1	2/9/16 19:58
tert-Butyl alcohol	ND	U	0.00612	0.0729	mg/kg	1	2/9/16 19:58
tert-Butylbenzene	ND	U	0.000467	0.00292	mg/kg	1	2/9/16 19:58
Tetrachloroethene	ND	U	0.000289	0.00292	mg/kg	1	2/9/16 19:58
Toluene	ND	U	0.000235	0.00729	mg/kg	1	2/9/16 19:58
Total Xylenes	ND	U	0.000375	0.00729	mg/kg	1	2/9/16 19:58
trans-1,2-Dichloroethene	ND	U	0.000395	0.00292	mg/kg	1	2/9/16 19:58
trans-1,3-Dichloropropene	ND	U	0.000557	0.00292	mg/kg	1	2/9/16 19:58
Trichloroethene	ND	U	0.000429	0.00292	mg/kg	1	2/9/16 19:58
Trichlorofluoromethane	ND	U	0.000335	0.00292	mg/kg	1	2/9/16 19:58
Vinyl chloride	ND	U	0.000554	0.00292	mg/kg	1	2/9/16 19:58

SW 846 8260B - Volatile Organics - GC/MS - TIC

Tentitively Identified Compound	Est Conc	RT	Qual	Units	Dilution	Analyzed
No TICs Found						
TIC Total	**0.000**					

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	**87.9**				**%**	**1**	**2/10/16 11:00**

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

APL
AQUA PRO-TECH LABORATORIES
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All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-02 (Soil) Sample Name: **ANV-2328-3** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
1,1,1-Trichloroethane	ND	U	0.000264	0.00181	mg/kg	1	2/9/16 20:27
1,1,2,2-Tetrachloroethane	ND	U	0.000249	0.00181	mg/kg	1	2/9/16 20:27
1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	U	0.000773	0.00361	mg/kg	1	2/9/16 20:27
1,1,2-Trichloroethane	ND	U	0.000304	0.00181	mg/kg	1	2/9/16 20:27
1,1-Dichloroethane	ND	U	0.000264	0.00181	mg/kg	1	2/9/16 20:27
1,1-Dichloroethene	ND	U	0.000334	0.00181	mg/kg	1	2/9/16 20:27
1,2,3-Trichlorobenzene	ND	U	0.000390	0.00181	mg/kg	1	2/9/16 20:27
1,2,4-Trichlorobenzene	ND	U	0.000481	0.00181	mg/kg	1	2/9/16 20:27
1,2,4-Trimethylbenzene	ND	U	0.000249	0.00181	mg/kg	1	2/9/16 20:27
1,2-Dibromo-3-chloropropane	ND	U	0.000441	0.00452	mg/kg	1	2/9/16 20:27
1,2-Dibromoethane	ND	U	0.000228	0.00181	mg/kg	1	2/9/16 20:27
1,2-Dichlorobenzene	ND	U	0.000319	0.00181	mg/kg	1	2/9/16 20:27
1,2-Dichloroethane	ND	U	0.000255	0.00181	mg/kg	1	2/9/16 20:27
1,2-Dichloropropane	ND	U	0.000296	0.00181	mg/kg	1	2/9/16 20:27
1,3,5-Trimethylbenzene	ND	U	0.000284	0.00181	mg/kg	1	2/9/16 20:27
1,3-Dichlorobenzene	ND	U	0.000133	0.00452	mg/kg	1	2/9/16 20:27
1,4-Dichlorobenzene	ND	U	0.000260	0.00181	mg/kg	1	2/9/16 20:27
2-Butanone	ND	U	0.000294	0.00452	mg/kg	1	2/9/16 20:27
2-Hexanone	ND	U	0.000169	0.00452	mg/kg	1	2/9/16 20:27
4-Methyl-2-pentanone	ND	U	0.000226	0.00181	mg/kg	1	2/9/16 20:27
Acetone	ND	U	0.000547	0.00452	mg/kg	1	2/9/16 20:27
Benzene	ND	U	0.000164	0.00181	mg/kg	1	2/9/16 20:27
Bromochloromethane	ND	U	0.000333	0.00181	mg/kg	1	2/9/16 20:27
Bromodichloromethane	ND	U	0.000227	0.00181	mg/kg	1	2/9/16 20:27
Bromoform	ND	U	0.000317	0.00181	mg/kg	1	2/9/16 20:27
Bromomethane	ND	U	0.000521	0.00452	mg/kg	1	2/9/16 20:27
Carbon disulfide	ND	U	0.000259	0.00181	mg/kg	1	2/9/16 20:27
Carbon Tetrachloride	ND	U	0.000272	0.00181	mg/kg	1	2/9/16 20:27
Chlorobenzene	ND	U	0.000262	0.00181	mg/kg	1	2/9/16 20:27
Chlorodibromomethane	ND	U	0.000222	0.00181	mg/kg	1	2/9/16 20:27
Chloroethane	ND	U	0.000308	0.00181	mg/kg	1	2/9/16 20:27
Chloroform	ND	U	0.000304	0.00452	mg/kg	1	2/9/16 20:27
Chloromethane	ND	U	0.000696	0.00181	mg/kg	1	2/9/16 20:27
cis-1,2-Dichloroethene	ND	U	0.0000874	0.00181	mg/kg	1	2/9/16 20:27
cis-1,3-Dichloropropene	ND	U	0.000229	0.00181	mg/kg	1	2/9/16 20:27
Cyclohexane	ND	U	0.000400	0.00181	mg/kg	1	2/9/16 20:27
Dichlorodifluoromethane	ND	U	0.000610	0.00181	mg/kg	1	2/9/16 20:27
EthylBenzene	ND	U	0.000245	0.00452	mg/kg	1	2/9/16 20:27

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

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All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-02 (Soil) Sample Name: **ANV-2328-3** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS (con't)

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Isopropylbenzene	ND	U	0.000284	0.00452	mg/kg	1	2/9/16 20:27
m+p-Xylenes	0.000554	J	0.000456	0.00903	mg/kg	1	2/9/16 20:27
Methyl Acetate	ND	U	0.000239	0.00452	mg/kg	1	2/9/16 20:27
Methyl tert-Butyl Ether	ND	U	0.000305	0.00181	mg/kg	1	2/9/16 20:27
Methylcyclohexane	ND	U	0.000291	0.00181	mg/kg	1	2/9/16 20:27
Methylene Chloride	ND	U	0.000543	0.00452	mg/kg	1	2/9/16 20:27
n-Butylbenzene	ND	U	0.000371	0.00452	mg/kg	1	2/9/16 20:27
n-Propylbenzene	ND	U	0.000246	0.00452	mg/kg	1	2/9/16 20:27
o-Xylene	ND	U	0.000232	0.00452	mg/kg	1	2/9/16 20:27
p-Dioxane	ND	U	0.0778	0.361	mg/kg	1	2/9/16 20:27
sec-Butylbenzene	ND	U	0.000234	0.00181	mg/kg	1	2/9/16 20:27
Styrene	ND	U	0.000258	0.00181	mg/kg	1	2/9/16 20:27
tert-Butyl alcohol	ND	U	0.00379	0.0452	mg/kg	1	2/9/16 20:27
tert-Butylbenzene	ND	U	0.000289	0.00181	mg/kg	1	2/9/16 20:27
Tetrachloroethene	ND	U	0.000179	0.00181	mg/kg	1	2/9/16 20:27
Toluene	ND	U	0.000145	0.00452	mg/kg	1	2/9/16 20:27
Total Xylenes	0.000554	J	0.000232	0.00452	mg/kg	1	2/9/16 20:27
trans-1,2-Dichloroethene	ND	U	0.000245	0.00181	mg/kg	1	2/9/16 20:27
trans-1,3-Dichloropropene	ND	U	0.000345	0.00181	mg/kg	1	2/9/16 20:27
Trichloroethene	ND	U	0.000266	0.00181	mg/kg	1	2/9/16 20:27
Trichlorofluoromethane	ND	U	0.000208	0.00181	mg/kg	1	2/9/16 20:27
Vinyl chloride	ND	U	0.000343	0.00181	mg/kg	1	2/9/16 20:27

SW 846 8260B - Volatile Organics - GC/MS - TIC

Tentitively Identified Compound	Est Conc	RT	Qual	Units	Dilution	Analyzed
No TICs Found						
TIC Total	**0.000**					

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	**89.3**				**%**	**1**	**2/10/16 11:00**

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

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All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-03 (Soil) Sample Name: **ANV-2328-4** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
1,1,1-Trichloroethane	ND	U	0.000295	0.00202	mg/kg	1	2/9/16 20:56
1,1,2,2-Tetrachloroethane	ND	U	0.000279	0.00202	mg/kg	1	2/9/16 20:56
1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	U	0.000865	0.00404	mg/kg	1	2/9/16 20:56
1,1,2-Trichloroethane	ND	U	0.000340	0.00202	mg/kg	1	2/9/16 20:56
1,1-Dichloroethane	ND	U	0.000295	0.00202	mg/kg	1	2/9/16 20:56
1,1-Dichloroethene	ND	U	0.000374	0.00202	mg/kg	1	2/9/16 20:56
1,2,3-Trichlorobenzene	ND	U	0.000436	0.00202	mg/kg	1	2/9/16 20:56
1,2,4-Trichlorobenzene	ND	U	0.000538	0.00202	mg/kg	1	2/9/16 20:56
1,2,4-Trimethylbenzene	ND	U	0.000279	0.00202	mg/kg	1	2/9/16 20:56
1,2-Dibromo-3-chloropropane	ND	U	0.000493	0.00505	mg/kg	1	2/9/16 20:56
1,2-Dibromoethane	ND	U	0.000255	0.00202	mg/kg	1	2/9/16 20:56
1,2-Dichlorobenzene	ND	U	0.000357	0.00202	mg/kg	1	2/9/16 20:56
1,2-Dichloroethane	ND	U	0.000285	0.00202	mg/kg	1	2/9/16 20:56
1,2-Dichloropropane	ND	U	0.000331	0.00202	mg/kg	1	2/9/16 20:56
1,3,5-Trimethylbenzene	ND	U	0.000317	0.00202	mg/kg	1	2/9/16 20:56
1,3-Dichlorobenzene	ND	U	0.000148	0.00505	mg/kg	1	2/9/16 20:56
1,4-Dichlorobenzene	ND	U	0.000291	0.00202	mg/kg	1	2/9/16 20:56
2-Butanone	ND	U	0.000329	0.00505	mg/kg	1	2/9/16 20:56
2-Hexanone	ND	U	0.000189	0.00505	mg/kg	1	2/9/16 20:56
4-Methyl-2-pentanone	ND	U	0.000253	0.00202	mg/kg	1	2/9/16 20:56
Acetone	ND	U	0.000612	0.00505	mg/kg	1	2/9/16 20:56
Benzene	ND	U	0.000184	0.00202	mg/kg	1	2/9/16 20:56
Bromochloromethane	ND	U	0.000373	0.00202	mg/kg	1	2/9/16 20:56
Bromodichloromethane	ND	U	0.000254	0.00202	mg/kg	1	2/9/16 20:56
Bromoform	ND	U	0.000355	0.00202	mg/kg	1	2/9/16 20:56
Bromomethane	ND	U	0.000583	0.00505	mg/kg	1	2/9/16 20:56
Carbon disulfide	ND	U	0.000290	0.00202	mg/kg	1	2/9/16 20:56
Carbon Tetrachloride	ND	U	0.000304	0.00202	mg/kg	1	2/9/16 20:56
Chlorobenzene	ND	U	0.000293	0.00202	mg/kg	1	2/9/16 20:56
Chlorodibromomethane	ND	U	0.000248	0.00202	mg/kg	1	2/9/16 20:56
Chloroethane	ND	U	0.000344	0.00202	mg/kg	1	2/9/16 20:56
Chloroform	ND	U	0.000339	0.00505	mg/kg	1	2/9/16 20:56
Chloromethane	ND	U	0.000778	0.00202	mg/kg	1	2/9/16 20:56
cis-1,2-Dichloroethene	ND	U	0.0000977	0.00202	mg/kg	1	2/9/16 20:56
cis-1,3-Dichloropropene	ND	U	0.000256	0.00202	mg/kg	1	2/9/16 20:56
Cyclohexane	ND	U	0.000447	0.00202	mg/kg	1	2/9/16 20:56
Dichlorodifluoromethane	ND	U	0.000682	0.00202	mg/kg	1	2/9/16 20:56
EthylBenzene	ND	U	0.000274	0.00505	mg/kg	1	2/9/16 20:56

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

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Certified Environmental Testing

All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-03 (Soil) Sample Name: **ANV-2328-4** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS (con't)

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Isopropylbenzene	ND	U	0.000317	0.00505	mg/kg	1	2/9/16 20:56
m+p-Xylenes	ND	U	0.000510	0.0101	mg/kg	1	2/9/16 20:56
Methyl Acetate	ND	U	0.000268	0.00505	mg/kg	1	2/9/16 20:56
Methyl tert-Butyl Ether	ND	U	0.000341	0.00202	mg/kg	1	2/9/16 20:56
Methylcyclohexane	ND	U	0.000325	0.00202	mg/kg	1	2/9/16 20:56
Methylene Chloride	ND	U	0.000607	0.00505	mg/kg	1	2/9/16 20:56
n-Butylbenzene	ND	U	0.000415	0.00505	mg/kg	1	2/9/16 20:56
n-Propylbenzene	ND	U	0.000275	0.00505	mg/kg	1	2/9/16 20:56
o-Xylene	ND	U	0.000260	0.00505	mg/kg	1	2/9/16 20:56
p-Dioxane	ND	U	0.0870	0.404	mg/kg	1	2/9/16 20:56
sec-Butylbenzene	ND	U	0.000262	0.00202	mg/kg	1	2/9/16 20:56
Styrene	ND	U	0.000289	0.00202	mg/kg	1	2/9/16 20:56
tert-Butyl alcohol	ND	U	0.00424	0.0505	mg/kg	1	2/9/16 20:56
tert-Butylbenzene	ND	U	0.000323	0.00202	mg/kg	1	2/9/16 20:56
Tetrachloroethene	ND	U	0.000200	0.00202	mg/kg	1	2/9/16 20:56
Toluene	ND	U	0.000163	0.00505	mg/kg	1	2/9/16 20:56
Total Xylenes	ND	U	0.000260	0.00505	mg/kg	1	2/9/16 20:56
trans-1,2-Dichloroethene	ND	U	0.000274	0.00202	mg/kg	1	2/9/16 20:56
trans-1,3-Dichloropropene	ND	U	0.000386	0.00202	mg/kg	1	2/9/16 20:56
Trichloroethene	ND	U	0.000297	0.00202	mg/kg	1	2/9/16 20:56
Trichlorofluoromethane	ND	U	0.000232	0.00202	mg/kg	1	2/9/16 20:56
Vinyl chloride	ND	U	0.000384	0.00202	mg/kg	1	2/9/16 20:56

SW 846 8260B - Volatile Organics - GC/MS - TIC

Tentitively Identified Compound	Est Conc	RT	Qual	Units	Dilution	Analyzed
No TICs Found						
TIC Total	**0.000**					

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	**88.4**				**%**	**1**	**2/10/16 11:00**

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

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AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-04 (Soil) Sample Name: **ANV-2328-5** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
1,1,1-Trichloroethane	ND	U	0.000297	0.00204	mg/kg	1	2/9/16 21:26
1,1,2,2-Tetrachloroethane	ND	U	0.000281	0.00204	mg/kg	1	2/9/16 21:26
1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	U	0.000872	0.00407	mg/kg	1	2/9/16 21:26
1,1,2-Trichloroethane	ND	U	0.000343	0.00204	mg/kg	1	2/9/16 21:26
1,1-Dichloroethane	ND	U	0.000297	0.00204	mg/kg	1	2/9/16 21:26
1,1-Dichloroethene	ND	U	0.000377	0.00204	mg/kg	1	2/9/16 21:26
1,2,3-Trichlorobenzene	ND	U	0.000440	0.00204	mg/kg	1	2/9/16 21:26
1,2,4-Trichlorobenzene	ND	U	0.000543	0.00204	mg/kg	1	2/9/16 21:26
1,2,4-Trimethylbenzene	ND	U	0.000281	0.00204	mg/kg	1	2/9/16 21:26
1,2-Dibromo-3-chloropropane	ND	U	0.000497	0.00509	mg/kg	1	2/9/16 21:26
1,2-Dibromoethane	ND	U	0.000257	0.00204	mg/kg	1	2/9/16 21:26
1,2-Dichlorobenzene	ND	U	0.000360	0.00204	mg/kg	1	2/9/16 21:26
1,2-Dichloroethane	ND	U	0.000287	0.00204	mg/kg	1	2/9/16 21:26
1,2-Dichloropropane	ND	U	0.000334	0.00204	mg/kg	1	2/9/16 21:26
1,3,5-Trimethylbenzene	ND	U	0.000320	0.00204	mg/kg	1	2/9/16 21:26
1,3-Dichlorobenzene	ND	U	0.000150	0.00509	mg/kg	1	2/9/16 21:26
1,4-Dichlorobenzene	ND	U	0.000293	0.00204	mg/kg	1	2/9/16 21:26
2-Butanone	ND	U	0.000332	0.00509	mg/kg	1	2/9/16 21:26
2-Hexanone	ND	U	0.000190	0.00509	mg/kg	1	2/9/16 21:26
4-Methyl-2-pentanone	ND	U	0.000255	0.00204	mg/kg	1	2/9/16 21:26
Acetone	ND	U	0.000617	0.00509	mg/kg	1	2/9/16 21:26
Benzene	ND	U	0.000185	0.00204	mg/kg	1	2/9/16 21:26
Bromochloromethane	ND	U	0.000376	0.00204	mg/kg	1	2/9/16 21:26
Bromodichloromethane	ND	U	0.000256	0.00204	mg/kg	1	2/9/16 21:26
Bromoform	ND	U	0.000358	0.00204	mg/kg	1	2/9/16 21:26
Bromomethane	ND	U	0.000588	0.00509	mg/kg	1	2/9/16 21:26
Carbon disulfide	ND	U	0.000292	0.00204	mg/kg	1	2/9/16 21:26
Carbon Tetrachloride	ND	U	0.000307	0.00204	mg/kg	1	2/9/16 21:26
Chlorobenzene	ND	U	0.000295	0.00204	mg/kg	1	2/9/16 21:26
Chlorodibromomethane	ND	U	0.000251	0.00204	mg/kg	1	2/9/16 21:26
Chloroethane	ND	U	0.000347	0.00204	mg/kg	1	2/9/16 21:26
Chloroform	ND	U	0.000342	0.00509	mg/kg	1	2/9/16 21:26
Chloromethane	ND	U	0.000784	0.00204	mg/kg	1	2/9/16 21:26
cis-1,2-Dichloroethene	ND	U	0.0000985	0.00204	mg/kg	1	2/9/16 21:26
cis-1,3-Dichloropropene	ND	U	0.000258	0.00204	mg/kg	1	2/9/16 21:26
Cyclohexane	ND	U	0.000451	0.00204	mg/kg	1	2/9/16 21:26
Dichlorodifluoromethane	ND	U	0.000688	0.00204	mg/kg	1	2/9/16 21:26
EthylBenzene	ND	U	0.000276	0.00509	mg/kg	1	2/9/16 21:26

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client:	ANS Consultants	**Work Order:**	6020256
Project:	89-30, 114th Street, Queens NY	**Date to Lab:**	2/9/2016 10:40:00AM

6020256-04 (Soil) Sample Name: **ANV-2328-5** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS (con't)

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Isopropylbenzene	ND	U	0.000320	0.00509	mg/kg	1	2/9/16 21:26
m+p-Xylenes	ND	U	0.000514	0.0102	mg/kg	1	2/9/16 21:26
Methyl Acetate	ND	U	0.000270	0.00509	mg/kg	1	2/9/16 21:26
Methyl tert-Butyl Ether	ND	U	0.000344	0.00204	mg/kg	1	2/9/16 21:26
Methylcyclohexane	ND	U	0.000328	0.00204	mg/kg	1	2/9/16 21:26
Methylene Chloride	ND	U	0.000612	0.00509	mg/kg	1	2/9/16 21:26
n-Butylbenzene	ND	U	0.000419	0.00509	mg/kg	1	2/9/16 21:26
n-Propylbenzene	ND	U	0.000277	0.00509	mg/kg	1	2/9/16 21:26
o-Xylene	ND	U	0.000262	0.00509	mg/kg	1	2/9/16 21:26
p-Dioxane	ND	U	0.0877	0.407	mg/kg	1	2/9/16 21:26
sec-Butylbenzene	ND	U	0.000264	0.00204	mg/kg	1	2/9/16 21:26
Styrene	ND	U	0.000291	0.00204	mg/kg	1	2/9/16 21:26
tert-Butyl alcohol	ND	U	0.00428	0.0509	mg/kg	1	2/9/16 21:26
tert-Butylbenzene	ND	U	0.000326	0.00204	mg/kg	1	2/9/16 21:26
Tetrachloroethene	ND	U	0.000202	0.00204	mg/kg	1	2/9/16 21:26
Toluene	ND	U	0.000164	0.00509	mg/kg	1	2/9/16 21:26
Total Xylenes	ND	U	0.000262	0.00509	mg/kg	1	2/9/16 21:26
trans-1,2-Dichloroethene	ND	U	0.000276	0.00204	mg/kg	1	2/9/16 21:26
trans-1,3-Dichloropropene	ND	U	0.000389	0.00204	mg/kg	1	2/9/16 21:26
Trichloroethene	ND	U	0.000299	0.00204	mg/kg	1	2/9/16 21:26
Trichlorofluoromethane	ND	U	0.000234	0.00204	mg/kg	1	2/9/16 21:26
Vinyl chloride	ND	U	0.000387	0.00204	mg/kg	1	2/9/16 21:26

SW 846 8260B - Volatile Organics - GC/MS - TIC

Tentitively Identified Compound	Est Conc	RT	Qual	Units	Dilution	Analyzed
No TICs Found						
TIC Total	**0.000**					

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	**87.7**				**%**	**1**	**2/10/16 11:00**

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-05 (Soil) Sample Name: **ANV-2328-6** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
1,1,1-Trichloroethane	ND	U	0.000260	0.00178	mg/kg	1	2/9/16 21:55
1,1,2,2-Tetrachloroethane	ND	U	0.000246	0.00178	mg/kg	1	2/9/16 21:55
1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	U	0.000763	0.00357	mg/kg	1	2/9/16 21:55
1,1,2-Trichloroethane	ND	U	0.000301	0.00178	mg/kg	1	2/9/16 21:55
1,1-Dichloroethane	ND	U	0.000260	0.00178	mg/kg	1	2/9/16 21:55
1,1-Dichloroethene	ND	U	0.000330	0.00178	mg/kg	1	2/9/16 21:55
1,2,3-Trichlorobenzene	ND	U	0.000385	0.00178	mg/kg	1	2/9/16 21:55
1,2,4-Trichlorobenzene	ND	U	0.000475	0.00178	mg/kg	1	2/9/16 21:55
1,2,4-Trimethylbenzene	ND	U	0.000246	0.00178	mg/kg	1	2/9/16 21:55
1,2-Dibromo-3-chloropropane	ND	U	0.000435	0.00446	mg/kg	1	2/9/16 21:55
1,2-Dibromoethane	ND	U	0.000225	0.00178	mg/kg	1	2/9/16 21:55
1,2-Dichlorobenzene	ND	U	0.000315	0.00178	mg/kg	1	2/9/16 21:55
1,2-Dichloroethane	ND	U	0.000252	0.00178	mg/kg	1	2/9/16 21:55
1,2-Dichloropropane	ND	U	0.000293	0.00178	mg/kg	1	2/9/16 21:55
1,3,5-Trimethylbenzene	ND	U	0.000280	0.00178	mg/kg	1	2/9/16 21:55
1,3-Dichlorobenzene	ND	U	0.000131	0.00446	mg/kg	1	2/9/16 21:55
1,4-Dichlorobenzene	ND	U	0.000257	0.00178	mg/kg	1	2/9/16 21:55
2-Butanone	ND	U	0.000291	0.00446	mg/kg	1	2/9/16 21:55
2-Hexanone	ND	U	0.000167	0.00446	mg/kg	1	2/9/16 21:55
4-Methyl-2-pentanone	ND	U	0.000223	0.00178	mg/kg	1	2/9/16 21:55
Acetone	ND	U	0.000540	0.00446	mg/kg	1	2/9/16 21:55
Benzene	ND	U	0.000162	0.00178	mg/kg	1	2/9/16 21:55
Bromochloromethane	ND	U	0.000329	0.00178	mg/kg	1	2/9/16 21:55
Bromodichloromethane	ND	U	0.000224	0.00178	mg/kg	1	2/9/16 21:55
Bromoform	ND	U	0.000313	0.00178	mg/kg	1	2/9/16 21:55
Bromomethane	ND	U	0.000515	0.00446	mg/kg	1	2/9/16 21:55
Carbon disulfide	ND	U	0.000256	0.00178	mg/kg	1	2/9/16 21:55
Carbon Tetrachloride	ND	U	0.000268	0.00178	mg/kg	1	2/9/16 21:55
Chlorobenzene	ND	U	0.000259	0.00178	mg/kg	1	2/9/16 21:55
Chlorodibromomethane	ND	U	0.000219	0.00178	mg/kg	1	2/9/16 21:55
Chloroethane	ND	U	0.000304	0.00178	mg/kg	1	2/9/16 21:55
Chloroform	ND	U	0.000300	0.00446	mg/kg	1	2/9/16 21:55
Chloromethane	ND	U	0.000687	0.00178	mg/kg	1	2/9/16 21:55
cis-1,2-Dichloroethene	ND	U	0.0000862	0.00178	mg/kg	1	2/9/16 21:55
cis-1,3-Dichloropropene	ND	U	0.000226	0.00178	mg/kg	1	2/9/16 21:55
Cyclohexane	ND	U	0.000395	0.00178	mg/kg	1	2/9/16 21:55
Dichlorodifluoromethane	ND	U	0.000602	0.00178	mg/kg	1	2/9/16 21:55
EthylBenzene	ND	U	0.000242	0.00446	mg/kg	1	2/9/16 21:55

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

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All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-05 (Soil) Sample Name: **ANV-2328-6** Collected: **2/8/2016 4:30:00PM**

SW 846 8260B - Volatile Organics - GC/MS (con't)

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Isopropylbenzene	ND	U	0.000280	0.00446	mg/kg	1	2/9/16 21:55
m+p-Xylenes	ND	U	0.000450	0.00892	mg/kg	1	2/9/16 21:55
Methyl Acetate	ND	U	0.000236	0.00446	mg/kg	1	2/9/16 21:55
Methyl tert-Butyl Ether	ND	U	0.000301	0.00178	mg/kg	1	2/9/16 21:55
Methylcyclohexane	ND	U	0.000287	0.00178	mg/kg	1	2/9/16 21:55
Methylene Chloride	ND	U	0.000536	0.00446	mg/kg	1	2/9/16 21:55
n-Butylbenzene	ND	U	0.000367	0.00446	mg/kg	1	2/9/16 21:55
n-Propylbenzene	ND	U	0.000243	0.00446	mg/kg	1	2/9/16 21:55
o-Xylene	ND	U	0.000229	0.00446	mg/kg	1	2/9/16 21:55
p-Dioxane	ND	U	0.0768	0.357	mg/kg	1	2/9/16 21:55
sec-Butylbenzene	ND	U	0.000231	0.00178	mg/kg	1	2/9/16 21:55
Styrene	ND	U	0.000255	0.00178	mg/kg	1	2/9/16 21:55
tert-Butyl alcohol	ND	U	0.00375	0.0446	mg/kg	1	2/9/16 21:55
tert-Butylbenzene	ND	U	0.000285	0.00178	mg/kg	1	2/9/16 21:55
Tetrachloroethene	ND	U	0.000177	0.00178	mg/kg	1	2/9/16 21:55
Toluene	ND	U	0.000144	0.00446	mg/kg	1	2/9/16 21:55
Total Xylenes	ND	U	0.000229	0.00446	mg/kg	1	2/9/16 21:55
trans-1,2-Dichloroethene	ND	U	0.000242	0.00178	mg/kg	1	2/9/16 21:55
trans-1,3-Dichloropropene	ND	U	0.000341	0.00178	mg/kg	1	2/9/16 21:55
Trichloroethene	ND	U	0.000262	0.00178	mg/kg	1	2/9/16 21:55
Trichlorofluoromethane	ND	U	0.000205	0.00178	mg/kg	1	2/9/16 21:55
Vinyl chloride	ND	U	0.000339	0.00178	mg/kg	1	2/9/16 21:55

SW 846 8260B - Volatile Organics - GC/MS - TIC

Tentitively Identified Compound	Est Conc	RT	Qual	Units	Dilution	Analyzed
No TICs Found						
TIC Total	**0.000**					

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	**89.0**				**%**	**1**	**2/10/16 11:00**

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

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All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-06 (Soil) Sample Name: **ANV-2328-7 Comp** Collected: **2/8/2016 4:30:00PM**

SW 846 8082 - PCBs

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Aroclor-1016	ND	U	0.00121	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1221	ND	U	0.00798	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1232	ND	U	0.00209	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1242	ND	U	0.00286	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1248	ND	U	0.00202	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1254	ND	U	0.000779	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1260	ND	U	0.00140	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1262	ND	U	0.00298	0.0370	mg/kg	1	2/10/16 15:49
Aroclor-1268	ND	U	0.00208	0.0370	mg/kg	1	2/10/16 15:49
Total PCBs	ND	U	0.000779	0.0370	mg/kg	1	2/10/16 15:49

SW 846 8151A - Herbicides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
2,4,5-T	ND	U	0.00202	0.112	mg/kg	1	2/16/16 10:43
2,4,5-TP (Silvex)	ND	U	0.00258	0.112	mg/kg	1	2/16/16 10:43
2,4-D	ND	U	0.0126	0.112	mg/kg	1	2/16/16 10:43

SW 846 7471B - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Mercury	**0.0970**		**0.0118**	**0.0241**	**mg/kg**	**1**	**2/15/16 11:09**

SW 846 6010B - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	**4.89**		**0.119**	**0.532**	**mg/kg**	**1**	**2/15/16 8:36**
Barium	**34.5**		**0.0407**	**0.532**	**mg/kg**	**1**	**2/15/16 8:36**
Beryllium	**0.265**		**0.00199**	**0.0266**	**mg/kg**	**1**	**2/15/16 8:36**
Cadmium	**0.321**		**0.0388**	**0.0532**	**mg/kg**	**1**	**2/15/16 8:36**
Chromium	**9.13**		**0.0123**	**0.266**	**mg/kg**	**1**	**2/15/16 8:36**
Copper	**18.0**		**0.0473**	**0.266**	**mg/kg**	**1**	**2/15/16 8:36**
Lead	**60.3**		**0.152**	**0.532**	**mg/kg**	**1**	**2/15/16 8:36**
Manganese	**157**		**0.0115**	**0.266**	**mg/kg**	**1**	**2/15/16 8:36**
Nickel	**8.28**		**0.0596**	**0.133**	**mg/kg**	**1**	**2/15/16 8:36**
Selenium	ND		0.354	0.665	mg/kg	1	2/15/16 8:36
Silver	ND		0.0444	0.532	mg/kg	1	2/15/16 8:36
Zinc	**161**		**0.0455**	**0.798**	**mg/kg**	**1**	**2/15/16 8:36**

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

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All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-06 (Soil) Sample Name: **ANV-2328-7 Comp** Collected: **2/8/2016 4:30:00PM**

[CALC] - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Chromium, Trivalent	**9.13**		**0.0123**	**0.266**	**mg/kg**	**1**	**2/15/16 8:36**

SW 846 8081A - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD	ND	U	0.000883	0.00146	mg/kg	1	2/11/16 18:32
4,4'-DDE	ND	U	0.00103	0.00146	mg/kg	1	2/11/16 18:32
4,4'-DDT	ND	U	0.000700	0.00146	mg/kg	1	2/11/16 18:32
Aldrin [2C]	0.00110	J	0.000808	0.00146	mg/kg	1	2/11/16 18:32
alpha-BHC	ND	U	0.000564	0.00146	mg/kg	1	2/11/16 18:32
beta-BHC	ND	U	0.00144	0.00146	mg/kg	1	2/11/16 18:32
Chlordane	**0.0164**		**0.000980**	**0.00146**	**mg/kg**	**1**	**2/11/16 18:32**
delta-BHC	ND	U	0.00113	0.00146	mg/kg	1	2/11/16 18:32
Dieldrin	ND	U	0.000786	0.00146	mg/kg	1	2/11/16 18:32
Endosulfan I	ND	U	0.00101	0.00146	mg/kg	1	2/11/16 18:32
Endosulfan II	ND	U	0.000793	0.00146	mg/kg	1	2/11/16 18:32
Endosulfan sulfate	ND	U	0.000793	0.00146	mg/kg	1	2/11/16 18:32
Endrin	ND	U	0.000749	0.00146	mg/kg	1	2/11/16 18:32
Endrin aldehyde	ND	U	0.000623	0.00146	mg/kg	1	2/11/16 18:32
Endrin ketone	ND	U	0.000890	0.00146	mg/kg	1	2/11/16 18:32
gamma-BHC (Lindane)	ND	U	0.000667	0.00146	mg/kg	1	2/11/16 18:32
Heptachlor	ND	U	0.000853	0.00146	mg/kg	1	2/11/16 18:32
Heptachlor Epoxide	ND	U	0.000912	0.00146	mg/kg	1	2/11/16 18:32
Methoxychlor	ND	U	0.000928	0.00146	mg/kg	1	2/11/16 18:32
Toxaphene	ND	U	0.0227	0.0741	mg/kg	1	2/11/16 18:32

SW 846 8270C - Semivolatile Organics - GC/MS

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
1,2,4,5-Tetrachlorobenzene	ND	U	0.0498	0.149	mg/kg	1	2/11/16 0:17
2,3,4,6-Tetrachlorophenol	ND	U	0.0101	0.149	mg/kg	1	2/11/16 0:17
2,4,5-Trichlorophenol	ND	U	0.0108	0.149	mg/kg	1	2/11/16 0:17
2,4,6-Trichlorophenol	ND	U	0.0232	0.149	mg/kg	1	2/11/16 0:17
2,4-Dichlorophenol	ND	U	0.0155	0.149	mg/kg	1	2/11/16 0:17
2,4-Dimethylphenol	ND	U	0.0239	0.149	mg/kg	1	2/11/16 0:17
2,4-Dinitrophenol	ND	U	0.0167	0.749	mg/kg	1	2/11/16 0:17
2,4-Dinitrotoluene	ND	U	0.0235	0.149	mg/kg	1	2/11/16 0:17
2,6-Dinitrotoluene	ND	U	0.0229	0.149	mg/kg	1	2/11/16 0:17
2-Chloronaphthalene	ND	U	0.0234	0.149	mg/kg	1	2/11/16 0:17
2-Chlorophenol	ND	U	0.0160	0.149	mg/kg	1	2/11/16 0:17
2-Methylnaphthalene	0.0821	J	0.0253	0.149	mg/kg	1	2/11/16 0:17

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

APL
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All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-06 (Soil) Sample Name: **ANV-2328-7 Comp** Collected: **2/8/2016 4:30:00PM**

SW 846 8270C - Semivolatile Organics - GC/MS (con't)

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
2-Methylphenol	ND	U	0.0163	0.149	mg/kg	1	2/11/16 0:17
2-Nitroaniline	ND	U	0.0168	0.149	mg/kg	1	2/11/16 0:17
2-Nitrophenol	ND	U	0.0302	0.149	mg/kg	1	2/11/16 0:17
3,3'-Dichlorobenzidine	ND	U	0.0904	0.374	mg/kg	1	2/11/16 0:17
3+4-Methylphenol	ND	U	0.0234	0.149	mg/kg	1	2/11/16 0:17
3-Nitroaniline	ND	U	0.0244	0.149	mg/kg	1	2/11/16 0:17
4,6-Dinitro-2-methylphenol	ND	U	0.0215	0.374	mg/kg	1	2/11/16 0:17
4-Bromophenyl-phenyl ether	ND	U	0.0287	0.149	mg/kg	1	2/11/16 0:17
4-Chloro-3-methylphenol	ND	U	0.0232	0.149	mg/kg	1	2/11/16 0:17
4-Chloroaniline	ND	U	0.0200	0.149	mg/kg	1	2/11/16 0:17
4-Chlorophenyl phenyl ether	ND	U	0.0175	0.149	mg/kg	1	2/11/16 0:17
4-Nitroaniline	ND	U	0.0192	0.149	mg/kg	1	2/11/16 0:17
4-Nitrophenol	ND	U	0.0226	0.149	mg/kg	1	2/11/16 0:17
Acenaphthene	0.0714	J	0.0193	0.149	mg/kg	1	2/11/16 0:17
Acenaphthylene	**0.307**		**0.0220**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Acetophenone	ND	U	0.0326	0.149	mg/kg	1	2/11/16 0:17
Anthracene	**0.255**		**0.0203**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Atrazine	ND	U	0.0686	0.149	mg/kg	1	2/11/16 0:17
Benzaldehyde	ND	U	0.0460	0.149	mg/kg	1	2/11/16 0:17
Benzo(a)anthracene	**0.921**		**0.0169**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Benzo(a)pyrene	**0.969**		**0.0132**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Benzo(b)fluoranthene	**1.60**		**0.0255**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Benzo(g,h,i)perylene	**0.398**		**0.0301**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Benzo(k)fluoranthene	**0.572**		**0.0274**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Biphenyl	ND	U	0.0229	0.149	mg/kg	1	2/11/16 0:17
bis(2-chloroethoxy)methane	ND	U	0.0294	0.149	mg/kg	1	2/11/16 0:17
bis(2-chloroethyl)ether	ND	U	0.0138	0.149	mg/kg	1	2/11/16 0:17
bis(2-chloroisopropyl)ether	ND	U	0.0288	0.149	mg/kg	1	2/11/16 0:17
bis(2-ethylhexyl)phthalate	ND	U	0.0191	0.149	mg/kg	1	2/11/16 0:17
Butylbenzylphthalate	ND	U	0.0240	0.149	mg/kg	1	2/11/16 0:17
Caprolactam	ND	U	0.0137	0.149	mg/kg	1	2/11/16 0:17
Carbazole	0.196	J	0.0224	0.374	mg/kg	1	2/11/16 0:17
Chrysene	**1.09**		**0.0265**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Dibenzo(a,h)anthracene	0.111	J	0.0263	0.149	mg/kg	1	2/11/16 0:17
Dibenzofuran	0.0415	J	0.0241	0.149	mg/kg	1	2/11/16 0:17
Diethylphthalate	ND	U	0.0223	0.149	mg/kg	1	2/11/16 0:17
Dimethylphthalate	0.117	J	0.0192	0.149	mg/kg	1	2/11/16 0:17
Di-n-butylphthalate	ND	U	0.0237	0.149	mg/kg	1	2/11/16 0:17
Di-n-octylphthalate	ND	U	0.0324	0.149	mg/kg	1	2/11/16 0:17

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256
Date to Lab: 2/9/2016 10:40:00AM

6020256-06 (Soil) Sample Name: **ANV-2328-7 Comp** Collected: **2/8/2016 4:30:00PM**

SW 846 8270C - Semivolatile Organics - GC/MS (con't)

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Fluoranthene	**1.82**		**0.0206**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Fluorene	0.0764	J	0.0237	0.149	mg/kg	1	2/11/16 0:17
Hexachlorobenzene	ND	U	0.0284	0.149	mg/kg	1	2/11/16 0:17
Hexachlorobutadiene	ND	U	0.0339	0.149	mg/kg	1	2/11/16 0:17
Hexachlorocyclopentadiene	ND	U	0.0367	0.374	mg/kg	1	2/11/16 0:17
Hexachloroethane	ND	U	0.0102	0.149	mg/kg	1	2/11/16 0:17
Indeno(1,2,3-cd)pyrene	**0.395**		**0.0307**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Isophorone	ND	U	0.0345	0.149	mg/kg	1	2/11/16 0:17
Nitrobenzene	ND	U	0.0225	0.149	mg/kg	1	2/11/16 0:17
n-Nitroso-dimethylamine	ND	U	0.143	0.149	mg/kg	1	2/11/16 0:17
n-Nitroso-di-n-propylamine	ND	U	0.0198	0.149	mg/kg	1	2/11/16 0:17
n-Nitrosodiphenylamine	ND	U	0.0225	0.149	mg/kg	1	2/11/16 0:17
Pentachlorophenol	ND	U	0.0132	0.374	mg/kg	1	2/11/16 0:17
Phenanthrene	**0.779**		**0.0197**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**
Phenol	ND	U	0.0220	0.149	mg/kg	1	2/11/16 0:17
Pyrene	**1.53**		**0.0189**	**0.149**	**mg/kg**	**1**	**2/11/16 0:17**

SW 846 8270C - Semivolatile Organics - GC/MS - TIC

Tentitively Identified Compound	Est Conc	RT	Qual	Units	Dilution	Analyzed
No TICs Found						
TIC Total	**0.000**					

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	**89.1**				**%**	**1**	**2/10/16 11:00**

SM 2580 (mod) - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Redox Potential	**178**		**-1000**	**-1000**	**mV**	**1**	**2/9/16 12:30**

SW 846 7196A - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Chromium, Hexavalent	ND		0.449	0.449	mg/kg	1	2/9/16 12:00

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
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E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client:	ANS Consultants	**Work Order:**	6020256
Project:	89-30, 114th Street, Queens NY	**Date to Lab:**	2/9/2016 10:40:00AM

6020256-06 (Soil) Sample Name: **ANV-2328-7 Comp** Collected: **2/8/2016 4:30:00PM**

SW 846 9010B - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Cyanide	0.449		0.0842	0.281	mg/kg	1	2/10/16 10:00

SW 9040B - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
pH	8.53		0.0100	0.0100	pH Units	1	2/9/16 12:30

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

AQUA PRO-TECH LABORATORIES
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7

7.

PCBs

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

ANALYSIS DATA SHEET

PCBs - SW 846 8082

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-7 Comp**
Lab Sample ID: **6020256-06**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/10/16 07:21	File ID:	6B03700.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B6B1001	Analyzed:	02/10/16 15:49
Dilution:	1	Matrix:	Soil	Sequence:	S6B1101
Percent Solids:	89.11	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016	ND	0.00121	0.0370	U
11104-28-2	Aroclor-1221	ND	0.00798	0.0370	U
11141-16-5	Aroclor-1232	ND	0.00209	0.0370	U
53469-21-9	Aroclor-1242	ND	0.00286	0.0370	U
12672-29-6	Aroclor-1248	ND	0.00202	0.0370	U
11097-69-1	Aroclor-1254	ND	0.000779	0.0370	U
11096-82-5	Aroclor-1260	ND	0.00140	0.0370	U
37324-23-5	Aroclor-1262	ND	0.00298	0.0370	U
11100-14-4	Aroclor-1268	ND	0.00208	0.0370	U
1336-36-3	Total PCBs	ND	0.000779	0.0370	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Quantitation Report (QT Reviewed)

```
Signal #1 : G:\HPCHEM\GCECD6\DATA\20160210\6B03700.D\ECD1A.CH Vial: 8
Signal #2 : G:\HPCHEM\GCECD6\DATA\20160210\6B03700.D\ECD2B.CH
Acq On    : 10 Feb 2016  15:49                        Operator: gch
Sample    : 6020256-06                                Inst    : GCECD-6
Misc      :                                           Multiplr: 1.00
IntFile Signal #1: autoint1.e     IntFile Signal #2: autoint2.e
Quant Time: Feb 11 11:52 2016  Quant Results File: 80820202.RES

Quant Method : G:\HPCHEM\G...\80820202.M (Chemstation Integrator)
Title        : PCBs by EPA Method 8082
Last Update  : Wed Feb 03 11:56:34 2016
Response via : Initial Calibration
DataAcq Meth : RUNPCB.M

Volume Inj.     : 1ul
Signal #1 Phase : RTx-50            Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info  : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um
```

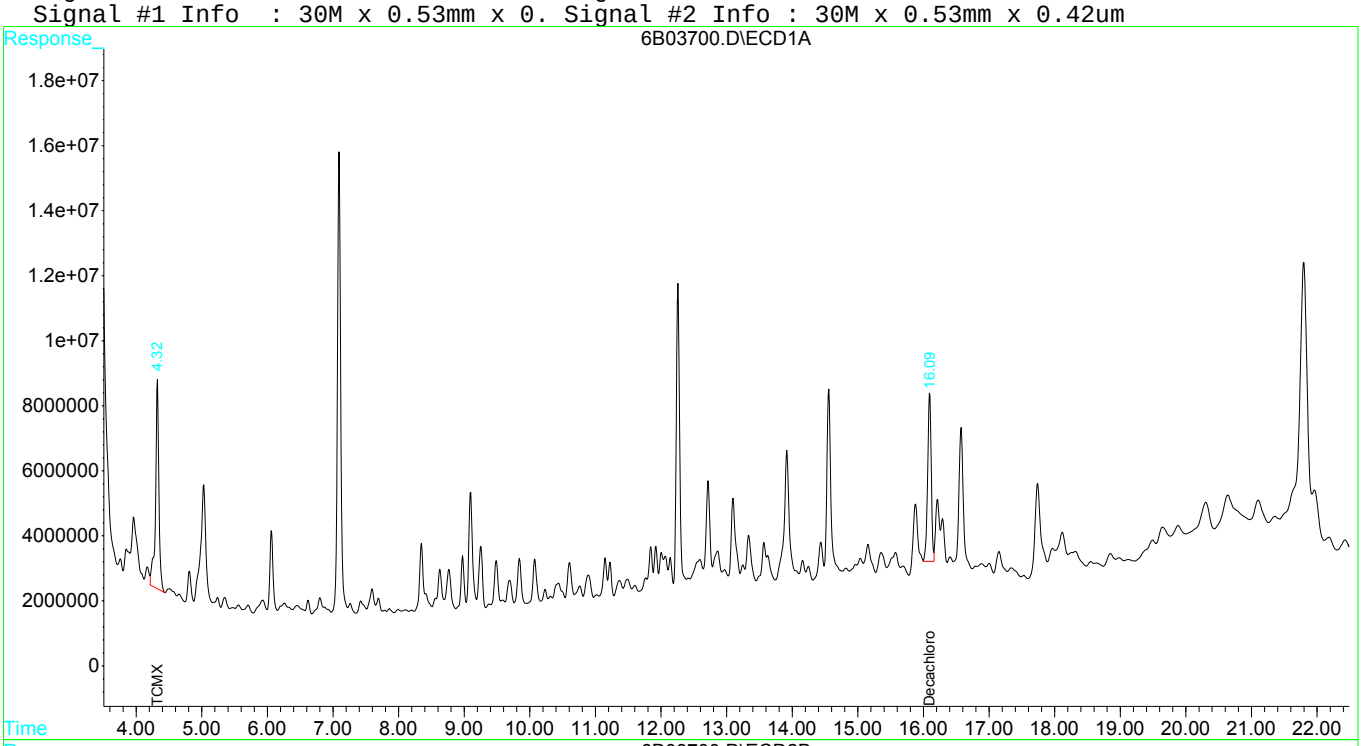
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg
System Monitoring Compounds						
1) S TCMX	4.32	5.32	232.2E6	187.5E6	45.947	40.199
Spiked Amount 50.000 Range 30 - 150 Recovery =					91.89%	80.40%
2) S Decachlorobiphen	16.09	20.38	198.9E6	328.5E6	31.567m	60.403m#
Spiked Amount 50.000 Range 30 - 150 Recovery =					63.13%	120.81%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000
Sum Aroclor-1262 (1)			0	0	N.D.	N.D.
Average Aroclor-1262 (1)					0.000	0.000
Sum Aroclor-1268 (1)			0	0	N.D.	N.D.
Average Aroclor-1268 (1)					0.000	0.000

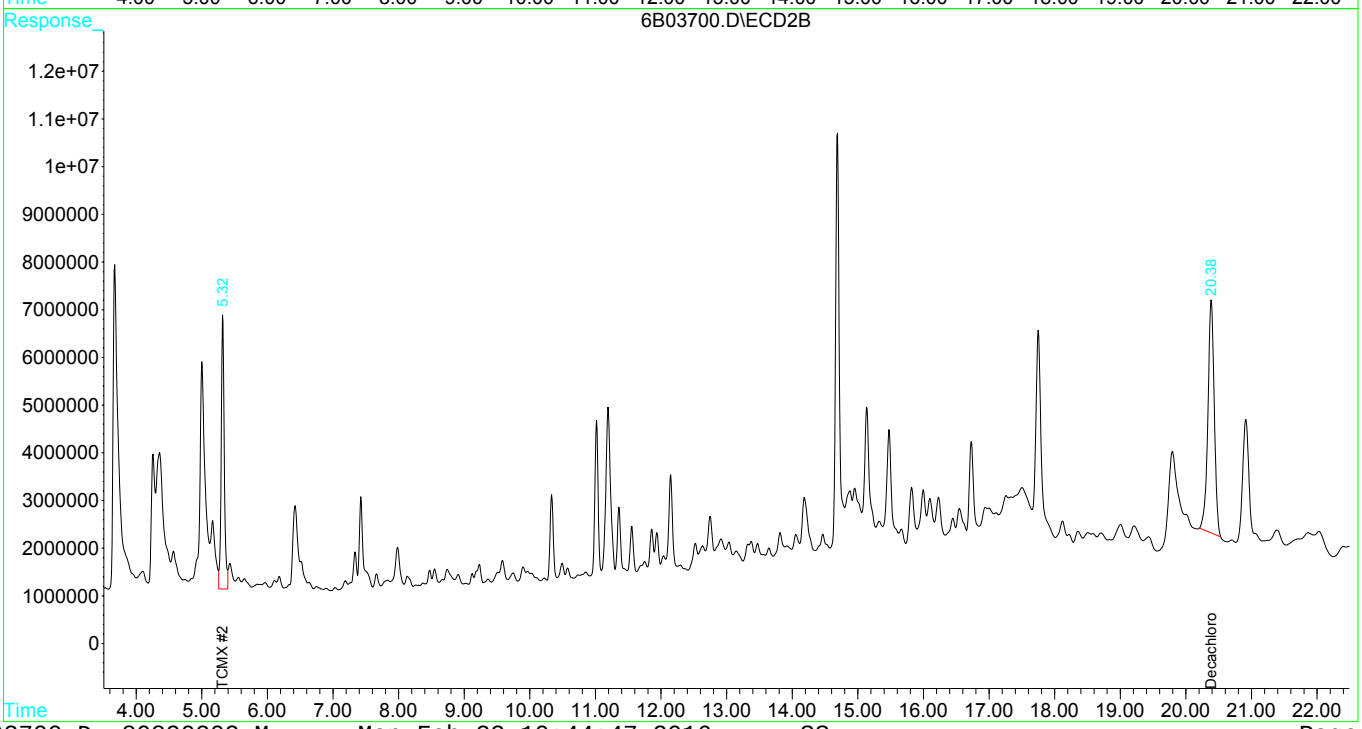
Quantitation Report (QT Reviewed)

```
Signal #1 : G:\HPCHEM\GCECD6\DATA\20160210\6B03700.D\ECD1A.CH Vial: 8
Signal #2 : G:\HPCHEM\GCECD6\DATA\20160210\6B03700.D\ECD2B.CH
Acq On    : 10 Feb 2016  15:49                        Operator: gch
Sample    : 6020256-06                                Inst    : GCECD-6
Misc      :                                           Multiplr: 1.00
IntFile Signal #1: autoint1.e     IntFile Signal #2: autoint2.e
Quant Time: Feb 11 11:52 2016  Quant Results File: 80820202.RES

Quant Method : G:\HPCHEM\G...\80820202.M (Chemstation Integrator)
Title        : PCBs by EPA Method 8082
Last Update  : Wed Feb 03 11:56:34 2016
Response via : Multiple Level Calibration
DataAcq Meth : RUNPCB.M

Volume Inj.     : 1ul
Signal #1 Phase : RTx-50            Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info  : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um
```





AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

GC

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

ANALYSIS DATA SHEET

Herbicides - SW 846 8151A

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-7 Comp**
Lab Sample ID: **6020256-06**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/15/16 10:00	File ID:	4B08008.D
Init/Final Vol:	10 g / 10 mL	Prep Batch:	B6A2741	Analyzed:	02/16/16 10:43
Dilution:	1	Matrix:	Soil	Sequence:	S6B1603
Percent Solids:	89.11	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
93-76-5	2,4,5-T	ND	0.00202	0.112	U
93-72-1	2,4,5-TP (Silvex)	ND	0.00258	0.112	U
94-75-7	2,4-D	ND	0.0126	0.112	U

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B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD4\DATA\20160216\4B08008.D\ECD1A.CH Vial: 2
Signal #2 : G:\HPCHEM\GCECD4\DATA\20160216\4B08008.D\ECD2B.CH
Acq On : 16 Feb 2016 10:43 Operator: RL
Sample : 6020256-06 Inst : GCECD-4
Misc : B6A2741 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Feb 16 11:12 2016 Quant Results File: HERB0625.RES

Quant Method : G:\HPCHEM\G...\HERB0625.M (Chemstation Integrator)
Title : Herbicides By EPA Method 8151
Last Update : Fri Nov 13 10:02:34 2015
Response via : Initial Calibration
DataAcq Meth : RUNHERB.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	Target Compounds						
1)	DCAA	3.41	4.02	8056162	2207184	430.728m	411.235

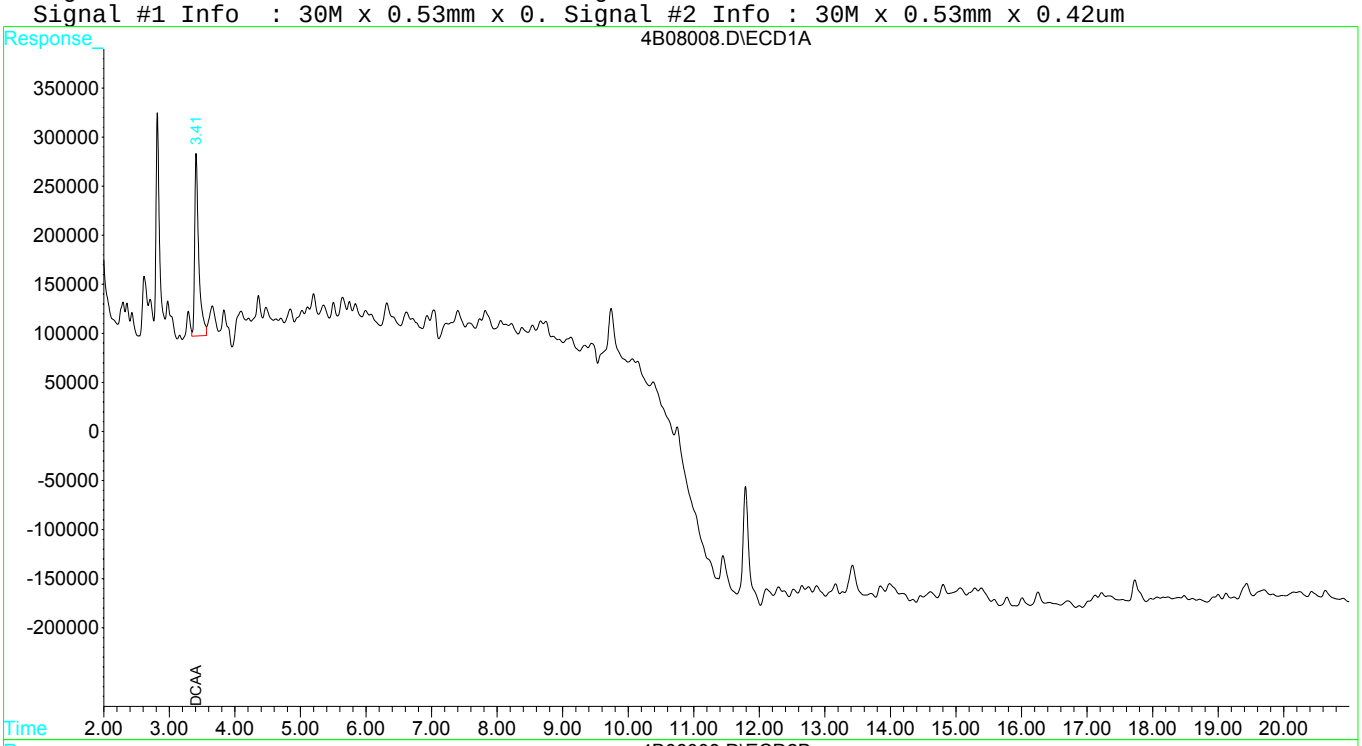
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
4B08008.D HERB0625.M Tue Feb 16 12:41:07 2016 SS

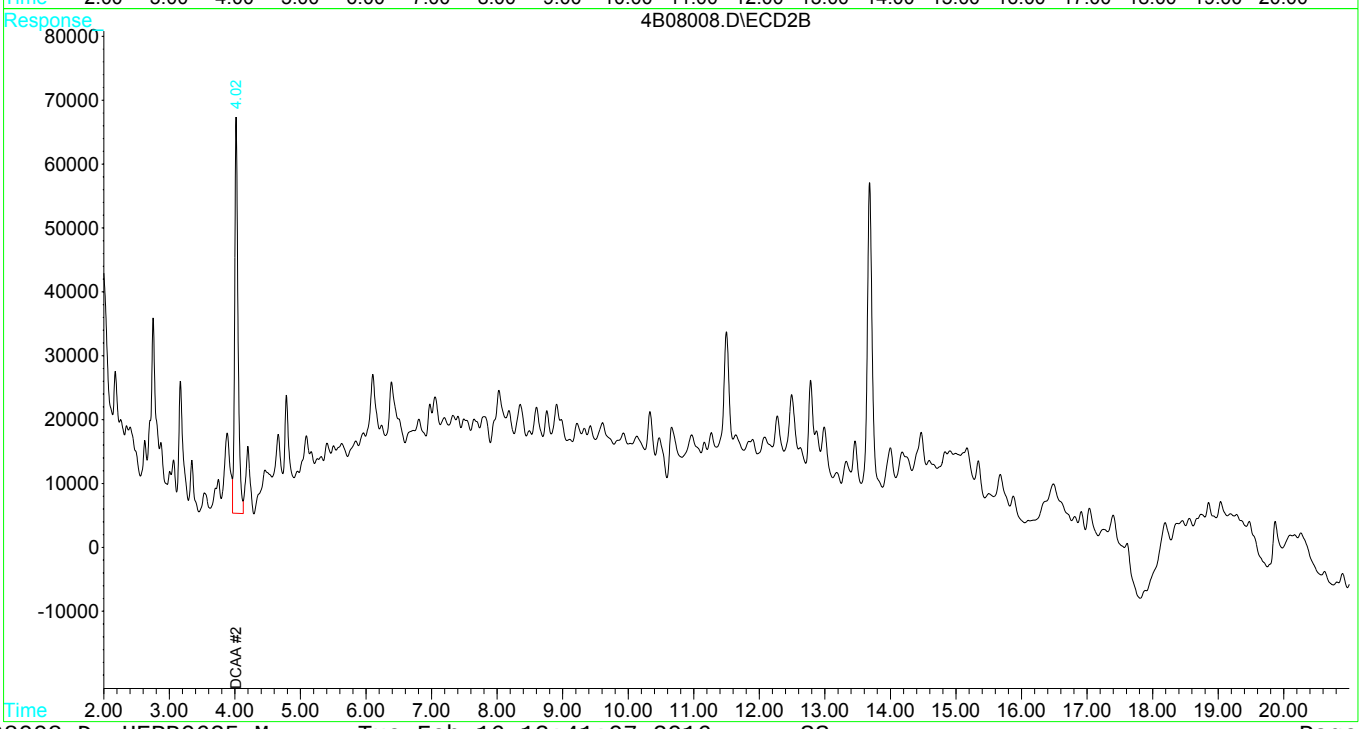
Quantitation Report (QT Reviewed)

```
Signal #1 : G:\HPCHEM\GCECD4\DATA\20160216\4B08008.D\ECD1A.CH Vial: 2
Signal #2 : G:\HPCHEM\GCECD4\DATA\20160216\4B08008.D\ECD2B.CH
Acq On    : 16 Feb 2016  10:43                        Operator: RL
Sample    : 6020256-06                                Inst    : GCECD-4
Misc      : B6A2741                                   Multiplr: 1.00
IntFile Signal #1: events.e     IntFile Signal #2: events2.e
Quant Time: Feb 16 11:12 2016  Quant Results File: HERB0625.RES

Quant Method : G:\HPCHEM\G...\HERB0625.M (Chemstation Integrator)
Title        : Herbicides By EPA Method 8151
Last Update  : Fri Nov 13 10:02:34 2015
Response via : Multiple Level Calibration
DataAcq Meth : RUNHERB.M

Volume Inj.     : 2ul
Signal #1 Phase : RTx-50            Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info  : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um
```





MERCURY

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

ANALYSIS DATA SHEET

Mercury

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256

Total Metals **Soil (mg/kg dry)**

Lab Number	Analyte	Extract	Concentration	RL	DF	Q	Analyst	Analyzed	Method
6020256-06	Mercury	0.58 / 25	0.0970	0.0241	1		AS	02/15/16 11:09	SW 846 7471B

METALS

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

ANALYSIS DATA SHEET

Client: ANS Consultants
Client Sample ID: ANV-2328-7 Comp
Lab Sample ID: 6020256-06
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256

Date Sampled:	02/08/16 16:30	Prep Date:	02/12/16 10:00
Init/Final Vol:	2.11 g / 50 mL	Prep Method:	Hot Block ICP Soil
Matrix:	Soil		
Percent Solids:	89.11		

CAS NO.	Analyte	Dilution	Analyzed	Conc.	Units	RL	Method	Sequence/Batch
Total Metals								
7440-38-2	Arsenic	1	02/15/16 08:36	4.89	mg/kg dry	0.532	SW 846 6010B	S6B1501/B6B1142
7440-39-3	Barium	1	02/15/16 08:36	34.5	mg/kg dry	0.532	SW 846 6010B	S6B1501/B6B1142
7440-41-7	Beryllium	1	02/15/16 08:36	0.265	mg/kg dry	0.0266	SW 846 6010B	S6B1501/B6B1142
7440-43-9	Cadmium	1	02/15/16 08:36	0.321	mg/kg dry	0.0532	SW 846 6010B	S6B1501/B6B1142
7440-47-3	Chromium	1	02/15/16 08:36	9.13	mg/kg dry	0.266	SW 846 6010B	S6B1501/B6B1142
7440-50-8	Copper	1	02/15/16 08:36	18.0	mg/kg dry	0.266	SW 846 6010B	S6B1501/B6B1142
7439-92-1	Lead	1	02/15/16 08:36	60.3	mg/kg dry	0.532	SW 846 6010B	S6B1501/B6B1142
7439-96-5	Manganese	1	02/15/16 08:36	157	mg/kg dry	0.266	SW 846 6010B	S6B1501/B6B1142
7440-02-0	Nickel	1	02/15/16 08:36	8.28	mg/kg dry	0.133	SW 846 6010B	S6B1501/B6B1142
7782-49-2	Selenium	1	02/15/16 08:36	ND	mg/kg dry	0.665	SW 846 6010B	S6B1501/B6B1142
7440-22-4	Silver	1	02/15/16 08:36	ND	mg/kg dry	0.532	SW 846 6010B	S6B1501/B6B1142
7440-66-6	Zinc	1	02/15/16 08:36	161	mg/kg dry	0.798	SW 846 6010B	S6B1501/B6B1142

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
RL - Reporting limit

PESTICIDES

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

ANALYSIS DATA SHEET

Pesticides - SW 846 8081A

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-7 Comp**
Lab Sample ID: **6020256-06**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/10/16 07:23	File ID:	5T1234.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B6B1002	Analyzed:	02/11/16 18:32
Dilution:	1	Matrix:	Soil	Sequence:	S6B1202
Percent Solids:	89.11	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
72-54-8	4,4'-DDD	ND	0.000883	0.00146	U
72-55-9	4,4'-DDE	ND	0.00103	0.00146	U
50-29-3	4,4'-DDT	ND	0.000700	0.00146	U
309-00-2	Aldrin [2C]	0.00110	0.000808	0.00146	J
319-84-6	alpha-BHC	ND	0.000564	0.00146	U
319-85-7	beta-BHC	ND	0.00144	0.00146	U
57-74-9	Chlordane	0.0164	0.000980	0.00146	
319-86-8	delta-BHC	ND	0.00113	0.00146	U
60-57-1	Dieldrin	ND	0.000786	0.00146	U
959-98-8	Endosulfan I	ND	0.00101	0.00146	U
33213-65-9	Endosulfan II	ND	0.000793	0.00146	U
1031-07-8	Endosulfan sulfate	ND	0.000793	0.00146	U
72-20-8	Endrin	ND	0.000749	0.00146	U
7421-93-4	Endrin aldehyde	ND	0.000623	0.00146	U
53494-70-5	Endrin ketone	ND	0.000890	0.00146	U
58-89-9	gamma-BHC (Lindane)	ND	0.000667	0.00146	U
76-44-8	Heptachlor	ND	0.000853	0.00146	U
1024-57-3	Heptachlor Epoxide	ND	0.000912	0.00146	U
72-43-5	Methoxychlor	ND	0.000928	0.00146	U
8001-35-2	Toxaphene	ND	0.0227	0.0741	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Quantitation Report (QT Reviewed)

```
Signal #1 : G:\HPCHEM\GCECD5\DATA\20160211\5T1234.D\ECD1A.CH Vial: 14
Signal #2 : G:\HPCHEM\GCECD5\DATA\20160211\5T1234.D\ECD2B.CH
Acq On    : 11 Feb 2016  18:32                        Operator: sdp
Sample    : 6020256-06                                Inst    : GCECD-5
Misc      :                                           Multiplr: 1.00
IntFile Signal #1: autoint1.e     IntFile Signal #2: autoint2.e
Quant Time: Feb 12 10:08 2016  Quant Results File: 80810129.RES

Quant Method : G:\HPCHEM\G...\80810129.M (Chemstation Integrator)
Title        : Pesticides by EPA Method 8081
Last Update  : Tue Feb 09 15:31:32 2016
Response via : Initial Calibration
DataAcq Meth : RUNPEST.M

Volume Inj.     : 2ul
Signal #1 Phase : RTx-50            Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info  : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um
```

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg
System Monitoring Compounds						
1) S TCMX	3.39	4.05	424.4E6	449.8E6	36.526	42.151
Spiked Amount 50.000 Range 37 - 126 Recovery =					73.05%	84.30%
20) S Decachlorobiphen	16.67	19.89	381.3E6	427.4E6	37.014	41.812m
Spiked Amount 50.000 Range 46 - 130 Recovery =					74.03%	83.62%
Target Compounds						
7) M Aldrin	6.01	7.63	17051354	21182405	1.318m	1.473m
21) L1 Chlordane (gamma	7.56	9.56	115.1E6	141.2E6	9.176	9.755
22) L1 Chlordane (alpha	7.85	9.97	156.7E6	128.9E6	12.711	9.431 #
Sum Chlordane (gamma)			271.8E6	270.1E6	21.887	19.186
Average Chlordane (gamma)					10.943	9.593
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

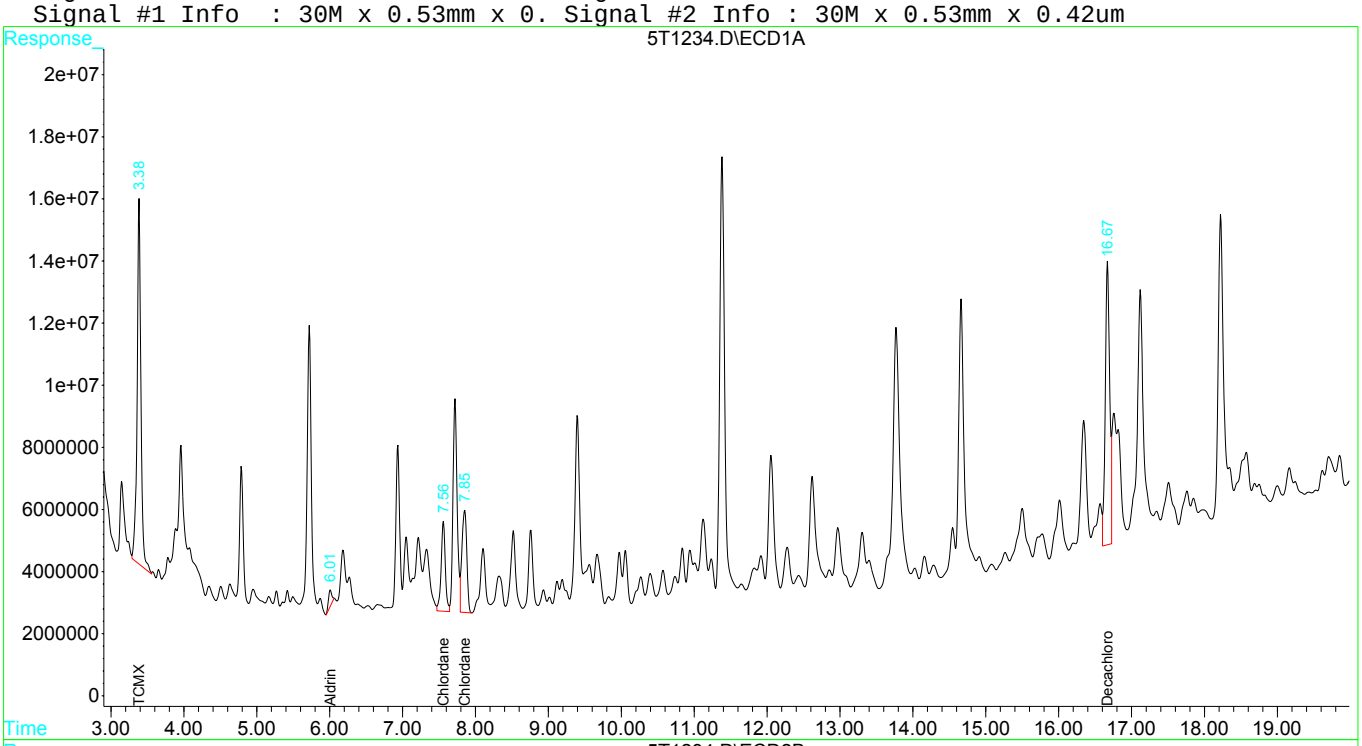
```
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
5T1234.D  80810129.M      Fri Feb 12 10:18:40 2016      SS
```

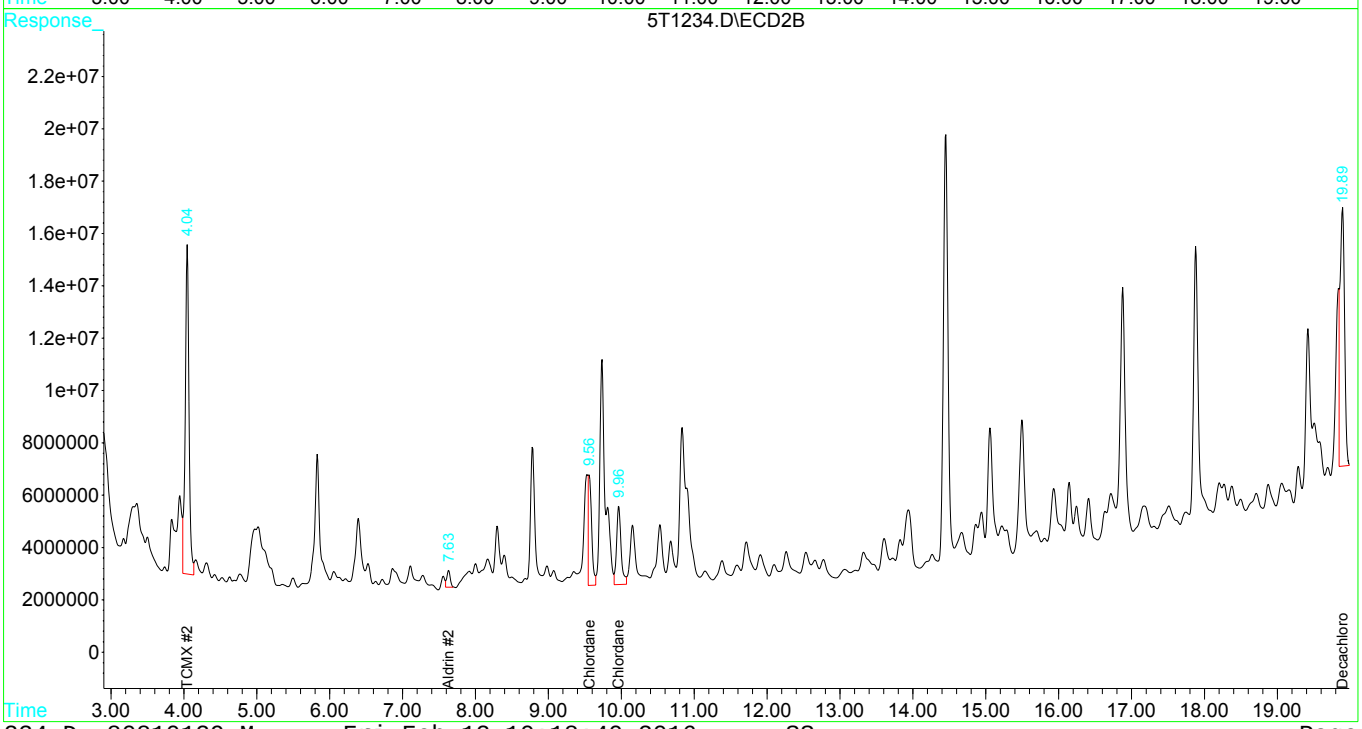
Quantitation Report (QT Reviewed)

```
Signal #1 : G:\HPCHEM\GCECD5\DATA\20160211\5T1234.D\ECD1A.CH Vial: 14
Signal #2 : G:\HPCHEM\GCECD5\DATA\20160211\5T1234.D\ECD2B.CH
Acq On    : 11 Feb 2016  18:32                        Operator: sdp
Sample    : 6020256-06                                Inst    : GCECD-5
Misc      :                                           Multiplr: 1.00
IntFile Signal #1: autoint1.e     IntFile Signal #2: autoint2.e
Quant Time: Feb 12 10:08 2016  Quant Results File: 80810129.RES

Quant Method : G:\HPCHEM\G...\80810129.M (Chemstation Integrator)
Title        : Pesticides by EPA Method 8081
Last Update  : Tue Feb 09 15:31:32 2016
Response via : Multiple Level Calibration
DataAcq Meth : RUNPEST.M

Volume Inj.     : 2ul
Signal #1 Phase : RTx-50            Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info  : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um
```





SEMIVOLATILES

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

ANALYSIS DATA SHEET

Semivolatile Organics - GC/MS - SW 846 8270C

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-7 Comp**
Lab Sample ID: **6020256-06**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/10/16 07:32	File ID:	CS09992.D
Init/Final Vol:	15 g / 1 mL	Prep Batch:	B6B1003	Analyzed:	02/11/16 00:17
Dilution:	1	Matrix:	Soil	Sequence:	S6B1205
Percent Solids:	89.11	Prep Method:	Sonication MS		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	0.0498	0.149	U
58-90-2	2,3,4,6-Tetrachlorophenol	ND	0.0101	0.149	U
95-95-4	2,4,5-Trichlorophenol	ND	0.0108	0.149	U
88-06-2	2,4,6-Trichlorophenol	ND	0.0232	0.149	U
120-83-2	2,4-Dichlorophenol	ND	0.0155	0.149	U
105-67-9	2,4-Dimethylphenol	ND	0.0239	0.149	U
51-28-5	2,4-Dinitrophenol	ND	0.0167	0.749	U
121-14-2	2,4-Dinitrotoluene	ND	0.0235	0.149	U
606-20-2	2,6-Dinitrotoluene	ND	0.0229	0.149	U
91-58-7	2-Chloronaphthalene	ND	0.0234	0.149	U
95-57-8	2-Chlorophenol	ND	0.0160	0.149	U
91-57-6	2-Methylnaphthalene	0.0821	0.0253	0.149	J
95-48-7	2-Methylphenol	ND	0.0163	0.149	U
88-74-4	2-Nitroaniline	ND	0.0168	0.149	U
88-75-5	2-Nitrophenol	ND	0.0302	0.149	U
91-94-1	3,3'-Dichlorobenzidine	ND	0.0904	0.374	U
106-44-5	3+4-Methylphenol	ND	0.0234	0.149	U
99-09-2	3-Nitroaniline	ND	0.0244	0.149	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	0.0215	0.374	U
101-55-3	4-Bromophenyl-phenyl ether	ND	0.0287	0.149	U
59-50-7	4-Chloro-3-methylphenol	ND	0.0232	0.149	U
106-47-8	4-Chloroaniline	ND	0.0200	0.149	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0175	0.149	U
100-01-6	4-Nitroaniline	ND	0.0192	0.149	U
100-02-7	4-Nitrophenol	ND	0.0226	0.149	U
83-32-9	Acenaphthene	0.0714	0.0193	0.149	J

ND - Indicates compound analyzed for but not detected
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B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Semivolatile Organics - GC/MS - SW 846 8270C

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-7 Comp**
Lab Sample ID: **6020256-06**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/10/16 07:32	File ID:	CS09992.D
Init/Final Vol:	15 g / 1 mL	Prep Batch:	B6B1003	Analyzed:	02/11/16 00:17
Dilution:	1	Matrix:	Soil	Sequence:	S6B1205
Percent Solids:	89.11	Prep Method:	Sonication MS		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
208-96-8	Acenaphthylene	0.307	0.0220	0.149	
98-86-2	Acetophenone	ND	0.0326	0.149	U
120-12-7	Anthracene	0.255	0.0203	0.149	
1912-24-9	Atrazine	ND	0.0686	0.149	U
100-52-7	Benzaldehyde	ND	0.0460	0.149	U
56-55-3	Benzo(a)anthracene	0.921	0.0169	0.149	
50-32-8	Benzo(a)pyrene	0.969	0.0132	0.149	
205-99-2	Benzo(b)fluoranthene	1.60	0.0255	0.149	
191-24-2	Benzo(g,h,i)perylene	0.398	0.0301	0.149	
207-08-9	Benzo(k)fluoranthene	0.572	0.0274	0.149	
92-52-4	Biphenyl	ND	0.0229	0.149	U
111-91-1	bis(2-chloroethoxy)methane	ND	0.0294	0.149	U
111-44-4	bis(2-chloroethyl)ether	ND	0.0138	0.149	U
108-60-1	bis(2-chloroisopropyl)ether	ND	0.0288	0.149	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	0.0191	0.149	U
85-68-7	Butylbenzylphthalate	ND	0.0240	0.149	U
105-60-2	Caprolactam	ND	0.0137	0.149	U
86-74-8	Carbazole	0.196	0.0224	0.374	J
218-01-9	Chrysene	1.09	0.0265	0.149	
53-70-3	Dibenzo(a,h)anthracene	0.111	0.0263	0.149	J
132-64-9	Dibenzofuran	0.0415	0.0241	0.149	J
84-66-2	Diethylphthalate	ND	0.0223	0.149	U
131-11-3	Dimethylphthalate	0.117	0.0192	0.149	J
84-74-2	Di-n-butylphthalate	ND	0.0237	0.149	U
117-84-0	Di-n-octylphthalate	ND	0.0324	0.149	U
206-44-0	Fluoranthene	1.82	0.0206	0.149	

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Semivolatile Organics - GC/MS - SW 846 8270C

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-7 Comp**
Lab Sample ID: **6020256-06**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/10/16 07:32	File ID:	CS09992.D
Init/Final Vol:	15 g / 1 mL	Prep Batch:	B6B1003	Analyzed:	02/11/16 00:17
Dilution:	1	Matrix:	Soil	Sequence:	S6B1205
Percent Solids:	89.11	Prep Method:	Sonication MS		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
86-73-7	Fluorene	0.0764	0.0237	0.149	J
118-74-1	Hexachlorobenzene	ND	0.0284	0.149	U
87-68-3	Hexachlorobutadiene	ND	0.0339	0.149	U
77-47-4	Hexachlorocyclopentadiene	ND	0.0367	0.374	U
67-72-1	Hexachloroethane	ND	0.0102	0.149	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.395	0.0307	0.149	
78-59-1	Isophorone	ND	0.0345	0.149	U
98-95-3	Nitrobenzene	ND	0.0225	0.149	U
62-75-9	n-Nitroso-dimethylamine	ND	0.143	0.149	U
621-64-7	n-Nitroso-di-n-propylamine	ND	0.0198	0.149	U
86-30-6	n-Nitrosodiphenylamine	ND	0.0225	0.149	U
87-86-5	Pentachlorophenol	ND	0.0132	0.374	U
85-01-8	Phenanthrene	0.779	0.0197	0.149	
108-95-2	Phenol	ND	0.0220	0.149	U
129-00-0	Pyrene	1.53	0.0189	0.149	

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Semivolatile Organics - GC/MS - SW 846 8270C

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-7 Comp**
Lab Sample ID: **6020256-06**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/10/16 07:32	File ID:	CS09992.D
Init/Final Vol:	15 g / 1 mL	Prep Batch:	B6B1003	Analyzed:	02/11/16 00:17
Dilution:	1	Matrix:	Soil	Sequence:	S6B1205
Percent Solids:	89.11	Prep Method:	Sonication MS		

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/kg dry)	RT	Q
	Sum of Tentatively Identified Compounds	0.000		

J - Indicates estimated value
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution

Quantitation Report (QT Reviewed)

Data File : G:\HPCHEM\C\DATA\20160210\CS09992.D Vial: 29
Acq On : 11 Feb 2016 00:17 Operator: gch
Sample : 6020256-06 Inst : GCMS-C
Misc : B6B1003 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Feb 11 11:07 2016 Quant Results File: 0119ABNS.RES

Quant Method : G:\HPCHEM\C\METHODS\0119ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Feb 04 10:49:36 2016
Response via : Initial Calibration
DataAcq Meth : RUN8270A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.80	152	489518	40.00	ug/kg	-0.07
21) Naphthalene-d8	5.99	136	1684493	40.00	ug/kg	-0.07
38) Acenaphthene-d10	7.70	164	788635	40.00	ug/kg	-0.07
61) Phenanthrene-d10	9.16	188	1424315	40.00	ug/kg	-0.06
75) Chrysene-d12	11.84	240	1272311	40.00	ug/kg	-0.07
84) Perylene-d12	13.47	264	887941	40.00	ug/kg	-0.07

System Monitoring Compounds						
4) 2-Fluorophenol	3.69	112	1179839	63.69	ug/kg	-0.03
Spiked Amount 100.000	Range 30 - 130		Recovery = 63.69%			
7) Phenol-d6	4.47	99	1405076	63.42	ug/kg	-0.04
Spiked Amount 100.000	Range 30 - 130		Recovery = 63.42%			
22) Nitrobenzene-d5	5.31	82	558847	34.17	ug/kg	-0.06
Spiked Amount 50.000	Range 30 - 130		Recovery = 68.34%			
43) 2-Fluorobiphenyl	7.04	172	1165292	37.92	ug/kg	-0.07
Spiked Amount 50.000	Range 30 - 130		Recovery = 75.84%			
65) 2,4,6-Tribromophenol	8.48	330	247574	86.07	ug/kg	-0.06
Spiked Amount 100.000	Range 30 - 130		Recovery = 86.07%			
78) p-Terphenyl-d14	10.73	244	1205291	38.95	ug/kg	-0.06
Spiked Amount 50.000	Range 30 - 130		Recovery = 77.90%			

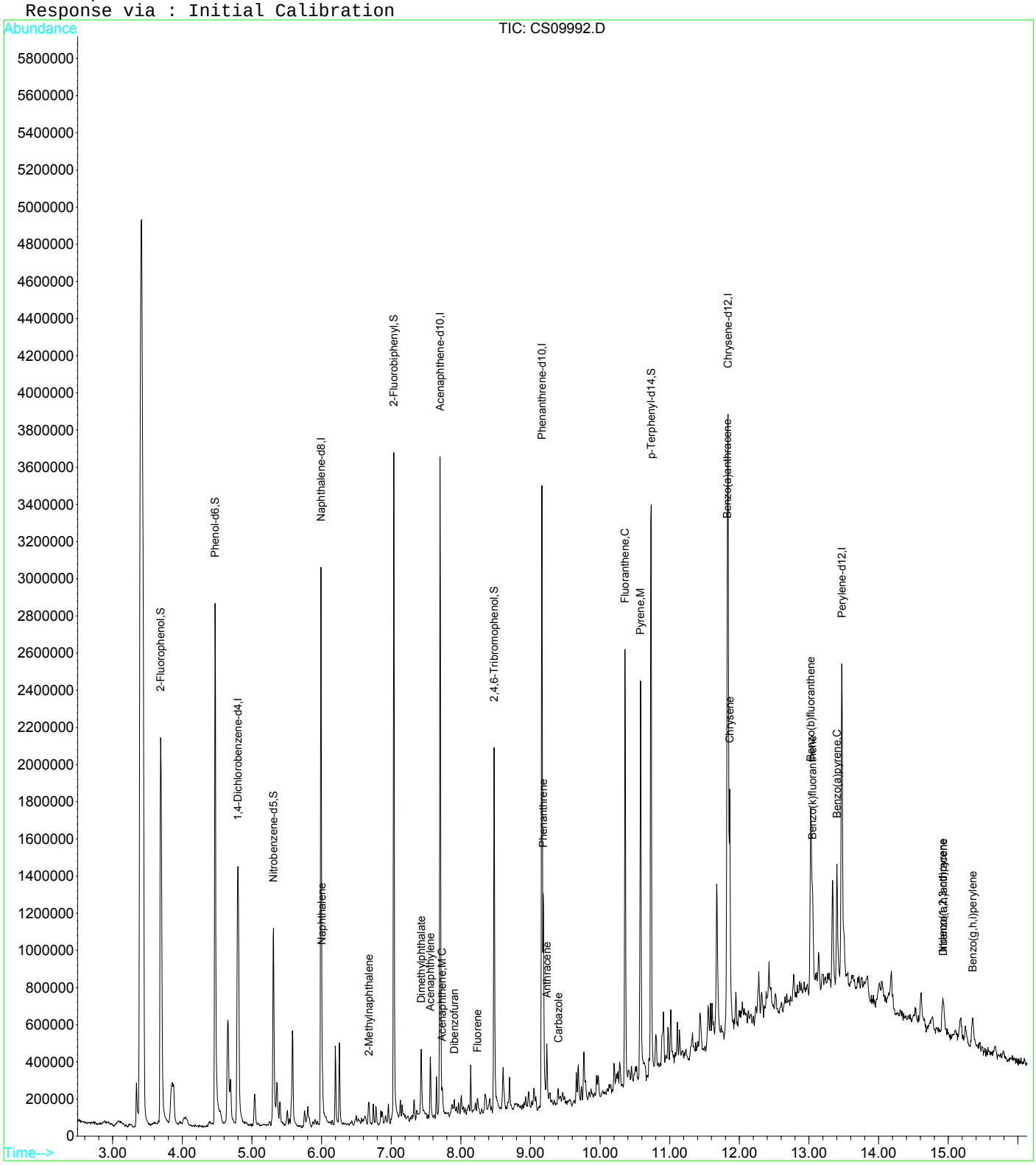
Target Compounds						Qvalue
31) Naphthalene	6.01	128	74927	1.73	ug/kg#	91
37) 2-Methylnaphthalene	6.69	142	32868	1.10	ug/kg	80
47) Dimethylphthalate	7.43	163	42516	1.57	ug/kg	85
48) Acenaphthylene	7.56	152	156027	4.11	ug/kg	99
51) Acenaphthene	7.73	153	26650	0.95	ug/kg	90
53) Dibenzofuran	7.91	168	19279	0.55	ug/kg#	68
57) Fluorene	8.24	166	27981	1.02	ug/kg	80
70) Phenanthrene	9.19	178	426355	10.41	ug/kg	97
71) Anthracene	9.24	178	144802	3.41	ug/kg	98
72) Carbazole	9.39	167	50679	2.61	ug/kg	97
74) Fluoranthene	10.36	202	1004885	24.35	ug/kg	86
77) Pyrene	10.58	202	928716	20.42	ug/kg	85
80) Benzo(a)anthracene	11.82	228	476057	12.31	ug/kg	88
82) Chrysene	11.86	228	551675	14.63	ug/kg	95
86) Benzo(b)fluoranthene	13.02	252	576702m	21.41	ug/kg	
87) Benzo(k)fluoranthene	13.05	252	178708m	7.64	ug/kg	
88) Benzo(a)pyrene	13.40	252	306090	12.95	ug/kg	86
89) Indeno(1,2,3-cd)pyrene	14.92	276	137254	5.27	ug/kg	73
90) Dibenzo(a,h)anthracene	14.93	278	32009	1.49	ug/kg	88
91) Benzo(g,h,i)perylene	15.35	276	118961	5.31	ug/kg	95

(#) = qualifier out of range (m) = manual integration
CS09992.D 0119ABNS.M Fri Feb 12 11:33:11 2016 SS Page 1

Quantitation Report

Data File : G:\HPCHEM\C\DATA\20160210\CS09992.D Vial: 29
Acq On : 11 Feb 2016 00:17 Operator: gch
Sample : 6020256-06 Inst : GCMS-C
Misc : B6B1003 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Feb 11 11:07 2016 Quant Results File: 0119ABNS.RES

Method : G:\HPCHEM\C\METHODS\0119ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Feb 04 10:49:36 2016
Response via : Initial Calibration



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

VOLATILES

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

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13.

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-2**
Lab Sample ID: **6020256-01**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 19:58	File ID:	3V17549.D
Init/Final Vol:	3.9 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 19:58
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.92	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
71-55-6	1,1,1-Trichloroethane	ND	0.000426	0.00292	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.000402	0.00292	U
76-13-1	1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	0.00125	0.00583	U
79-00-5	1,1,2-Trichloroethane	ND	0.000491	0.00292	U
75-34-3	1,1-Dichloroethane	ND	0.000426	0.00292	U
75-35-4	1,1-Dichloroethene	ND	0.000540	0.00292	U
87-61-6	1,2,3-Trichlorobenzene	ND	0.000630	0.00292	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.000777	0.00292	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.000402	0.00292	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.000712	0.00729	U
106-93-4	1,2-Dibromoethane	ND	0.000367	0.00292	U
95-50-1	1,2-Dichlorobenzene	ND	0.000515	0.00292	U
107-06-2	1,2-Dichloroethane	ND	0.000411	0.00292	U
78-87-5	1,2-Dichloropropane	ND	0.000478	0.00292	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.000458	0.00292	U
541-73-1	1,3-Dichlorobenzene	ND	0.000214	0.00729	U
106-46-7	1,4-Dichlorobenzene	ND	0.000420	0.00292	U
78-93-3	2-Butanone	ND	0.000475	0.00729	U
591-78-6	2-Hexanone	ND	0.000273	0.00729	U
108-10-1	4-Methyl-2-pentanone	ND	0.000365	0.00292	U
67-64-1	Acetone	ND	0.000884	0.00729	U
71-43-2	Benzene	ND	0.000265	0.00292	U
74-97-5	Bromochloromethane	ND	0.000538	0.00292	U
75-27-4	Bromodichloromethane	ND	0.000366	0.00292	U
75-25-2	Bromoform	ND	0.000512	0.00292	U
74-83-9	Bromomethane	ND	0.000841	0.00729	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-2**
Lab Sample ID: **6020256-01**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 19:58	File ID:	3V17549.D
Init/Final Vol:	3.9 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 19:58
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.92	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
75-15-0	Carbon disulfide	ND	0.000418	0.00292	U
56-23-5	Carbon Tetrachloride	ND	0.000439	0.00292	U
108-90-7	Chlorobenzene	ND	0.000423	0.00292	U
124-48-1	Chlorodibromomethane	ND	0.000359	0.00292	U
75-00-3	Chloroethane	ND	0.000497	0.00292	U
67-66-3	Chloroform	ND	0.000490	0.00729	U
74-87-3	Chloromethane	ND	0.00112	0.00292	U
156-59-2	cis-1,2-Dichloroethene	ND	0.000141	0.00292	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.000369	0.00292	U
110-82-7	Cyclohexane	ND	0.000646	0.00292	U
75-71-8	Dichlorodifluoromethane	ND	0.000984	0.00292	U
100-41-4	EthylBenzene	ND	0.000395	0.00729	U
98-82-8	Isopropylbenzene	ND	0.000458	0.00729	U
179601-23-1	m+p-Xylenes	ND	0.000736	0.0146	U
79-20-9	Methyl Acetate	ND	0.000386	0.00729	U
1634-04-4	Methyl tert-Butyl Ether	ND	0.000493	0.00292	U
108-87-2	Methylcyclohexane	ND	0.000470	0.00292	U
75-09-2	Methylene Chloride	ND	0.000876	0.00729	U
104-51-8	n-Butylbenzene	ND	0.000599	0.00729	U
103-65-1	n-Propylbenzene	ND	0.000397	0.00729	U
95-47-6	o-Xylene	ND	0.000375	0.00729	U
123-91-1	p-Dioxane	ND	0.126	0.583	U
135-98-8	sec-Butylbenzene	ND	0.000378	0.00292	U
100-42-5	Styrene	ND	0.000417	0.00292	U
75-65-0	tert-Butyl alcohol	ND	0.00612	0.0729	U
98-06-6	tert-Butylbenzene	ND	0.000467	0.00292	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-2**
Lab Sample ID: **6020256-01**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 19:58	File ID:	3V17549.D
Init/Final Vol:	3.9 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 19:58
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.92	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
127-18-4	Tetrachloroethene	ND	0.000289	0.00292	U
108-88-3	Toluene	ND	0.000235	0.00729	U
1330-20-7	Total Xylenes	ND	0.000375	0.00729	U
156-60-5	trans-1,2-Dichloroethene	ND	0.000395	0.00292	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.000557	0.00292	U
79-01-6	Trichloroethene	ND	0.000429	0.00292	U
75-69-4	Trichlorofluoromethane	ND	0.000335	0.00292	U
75-01-4	Vinyl chloride	ND	0.000554	0.00292	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-2**
Lab Sample ID: **6020256-01**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 19:58	File ID:	3V17549.D
Init/Final Vol:	3.9 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 19:58
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.92	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/kg dry)	RT	Q
	Sum of Tentatively Identified Compounds	0.000		

J - Indicates estimated value
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution

Quantitation Report (QT/LSC Reviewed)

Data File : G:\HPCHEM\3\DATA\02092016\3V17549.D Vial: 89
Acq On : 9 Feb 2016 19:58 Operator: omd
Sample : 6020256-01 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 11:57 2016 Quant Results File: 0205WC3.RES

Quant Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 11:56:44 2016
Response via : Initial Calibration
DataAcq Meth : VOCRUN1

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	8.23	168	418087	50.00 ug/kg	0.00
33) 1,4-Difluorobenzene	9.58	114	760215	50.00 ug/kg	0.09
52) Chlorobenzene-d5	14.73	82	403477	50.00 ug/kg	0.09
74) 1,4-Dichlorobenzene-d4	18.71	152	358696	50.00 ug/kg	0.09
System Monitoring Compounds					
26) Dibromofluoromethane	8.08	113	245920	52.49 ug/kg	0.00
Spiked Amount 50.000	Range 59 - 147		Recovery = 104.98%		
43) Toluene-d8	12.18	98	862000	51.63 ug/kg	0.09
Spiked Amount 50.000	Range 66 - 134		Recovery = 103.26%		
62) 4-Bromofluorobenzene	16.76	95	380958	51.79 ug/kg	0.10
Spiked Amount 50.000	Range 64 - 125		Recovery = 103.58%		

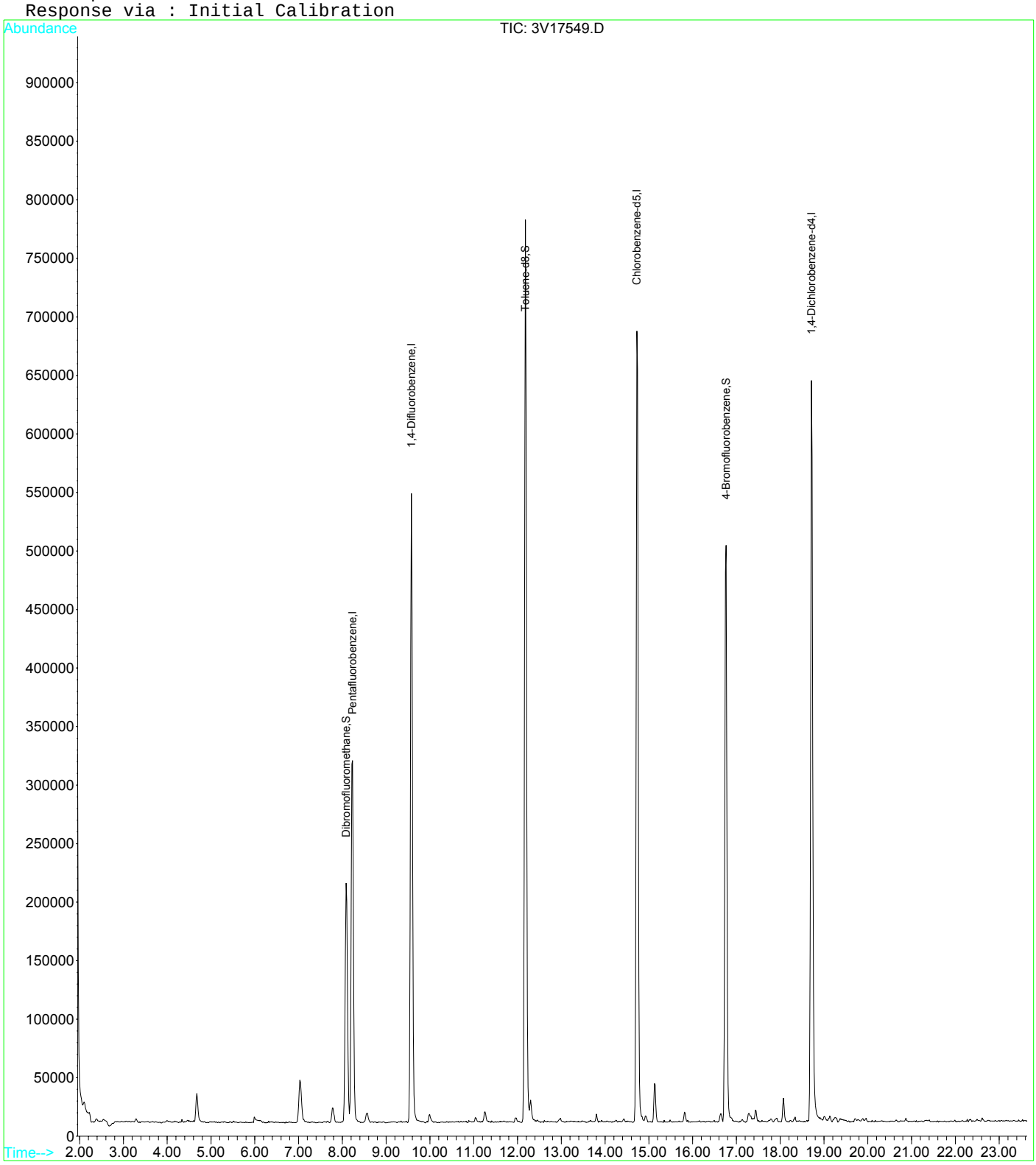
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
3V17549.D 0205WC3.M Mon Feb 15 15:08:37 2016 SS Page 1

Quantitation Report

Data File : G:\HPCHEM\3\DATA\02092016\3V17549.D Vial: 89
Acq On : 9 Feb 2016 19:58 Operator: omd
Sample : 6020256-01 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 11:57 2016 Quant Results File: 0205WC3.RES

Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration



3V17549.D 0205WC3.M Mon Feb 15 15:08:38 2016 SS Page 2

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-3**
Lab Sample ID: **6020256-02**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:27	File ID:	3V17550.D
Init/Final Vol:	6.2 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:27
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	89.28	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
71-55-6	1,1,1-Trichloroethane	ND	0.000264	0.00181	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.000249	0.00181	U
76-13-1	1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	0.000773	0.00361	U
79-00-5	1,1,2-Trichloroethane	ND	0.000304	0.00181	U
75-34-3	1,1-Dichloroethane	ND	0.000264	0.00181	U
75-35-4	1,1-Dichloroethene	ND	0.000334	0.00181	U
87-61-6	1,2,3-Trichlorobenzene	ND	0.000390	0.00181	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.000481	0.00181	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.000249	0.00181	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.000441	0.00452	U
106-93-4	1,2-Dibromoethane	ND	0.000228	0.00181	U
95-50-1	1,2-Dichlorobenzene	ND	0.000319	0.00181	U
107-06-2	1,2-Dichloroethane	ND	0.000255	0.00181	U
78-87-5	1,2-Dichloropropane	ND	0.000296	0.00181	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.000284	0.00181	U
541-73-1	1,3-Dichlorobenzene	ND	0.000133	0.00452	U
106-46-7	1,4-Dichlorobenzene	ND	0.000260	0.00181	U
78-93-3	2-Butanone	ND	0.000294	0.00452	U
591-78-6	2-Hexanone	ND	0.000169	0.00452	U
108-10-1	4-Methyl-2-pentanone	ND	0.000226	0.00181	U
67-64-1	Acetone	ND	0.000547	0.00452	U
71-43-2	Benzene	ND	0.000164	0.00181	U
74-97-5	Bromochloromethane	ND	0.000333	0.00181	U
75-27-4	Bromodichloromethane	ND	0.000227	0.00181	U
75-25-2	Bromoform	ND	0.000317	0.00181	U
74-83-9	Bromomethane	ND	0.000521	0.00452	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-3**
Lab Sample ID: **6020256-02**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:27	File ID:	3V17550.D
Init/Final Vol:	6.2 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:27
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	89.28	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
75-15-0	Carbon disulfide	ND	0.000259	0.00181	U
56-23-5	Carbon Tetrachloride	ND	0.000272	0.00181	U
108-90-7	Chlorobenzene	ND	0.000262	0.00181	U
124-48-1	Chlorodibromomethane	ND	0.000222	0.00181	U
75-00-3	Chloroethane	ND	0.000308	0.00181	U
67-66-3	Chloroform	ND	0.000304	0.00452	U
74-87-3	Chloromethane	ND	0.000696	0.00181	U
156-59-2	cis-1,2-Dichloroethene	ND	0.0000874	0.00181	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.000229	0.00181	U
110-82-7	Cyclohexane	ND	0.000400	0.00181	U
75-71-8	Dichlorodifluoromethane	ND	0.000610	0.00181	U
100-41-4	EthylBenzene	ND	0.000245	0.00452	U
98-82-8	Isopropylbenzene	ND	0.000284	0.00452	U
179601-23-1	m+p-Xylenes	0.000554	0.000456	0.00903	J
79-20-9	Methyl Acetate	ND	0.000239	0.00452	U
1634-04-4	Methyl tert-Butyl Ether	ND	0.000305	0.00181	U
108-87-2	Methylcyclohexane	ND	0.000291	0.00181	U
75-09-2	Methylene Chloride	ND	0.000543	0.00452	U
104-51-8	n-Butylbenzene	ND	0.000371	0.00452	U
103-65-1	n-Propylbenzene	ND	0.000246	0.00452	U
95-47-6	o-Xylene	ND	0.000232	0.00452	U
123-91-1	p-Dioxane	ND	0.0778	0.361	U
135-98-8	sec-Butylbenzene	ND	0.000234	0.00181	U
100-42-5	Styrene	ND	0.000258	0.00181	U
75-65-0	tert-Butyl alcohol	ND	0.00379	0.0452	U
98-06-6	tert-Butylbenzene	ND	0.000289	0.00181	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-3**
Lab Sample ID: **6020256-02**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:27	File ID:	3V17550.D
Init/Final Vol:	6.2 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:27
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	89.28	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
127-18-4	Tetrachloroethene	ND	0.000179	0.00181	U
108-88-3	Toluene	ND	0.000145	0.00452	U
1330-20-7	Total Xylenes	0.000554	0.000232	0.00452	J
156-60-5	trans-1,2-Dichloroethene	ND	0.000245	0.00181	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.000345	0.00181	U
79-01-6	Trichloroethene	ND	0.000266	0.00181	U
75-69-4	Trichlorofluoromethane	ND	0.000208	0.00181	U
75-01-4	Vinyl chloride	ND	0.000343	0.00181	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-3**
Lab Sample ID: **6020256-02**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:27	File ID:	3V17550.D
Init/Final Vol:	6.2 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:27
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	89.28	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/kg dry)	RT	Q
	Sum of Tentatively Identified Compounds	0.000		

J - Indicates estimated value
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution

Quantitation Report (QT Reviewed)

```
Data File : G:\HPCHEM\3\DATA\02092016\3V17550.D          Vial: 90
Acq On    :  9 Feb 2016  20:27                        Operator: omd
Sample    : 6020256-02                                Inst    : GCMS-3
Misc      : soil                                      Multiplr: 1.00
MS Integration Params: RTEINT.P
 Quant Time: Feb 15 15:01 2016              Quant Results File: 0205WC3.RES

Quant Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title        : VOC's by EPA Method 8260
Last Update  : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration
DataAcq Meth : VOCRUN1

 Internal Standards                R.T. QIon  Response  Conc Units Dev(Min)
 ----------------------------------------------------------------------------
   1) Pentafluorobenzene           8.23  168   397297    50.00 ug/kg   0.00
  33) 1,4-Difluorobenzene          9.58  114   710364    50.00 ug/kg   0.09
  52) Chlorobenzene-d5            14.72   82   347674    50.00 ug/kg   0.09
  74) 1,4-Dichlorobenzene-d4      18.71  152   222273    50.00 ug/kg   0.09

 System Monitoring Compounds
  26) Dibromofluoromethane         8.09  113   234509    52.67 ug/kg   0.00
   Spiked Amount     50.000   Range  59 - 147    Recovery   =  105.34%
  43) Toluene-d8                  12.18   98   817009    52.37 ug/kg   0.09
   Spiked Amount     50.000   Range  66 - 134    Recovery   =  104.74%
  62) 4-Bromofluorobenzene        16.76   95   283643    44.75 ug/kg   0.10
   Spiked Amount     50.000   Range  64 - 125    Recovery   =   89.50%

 Target Compounds                                                  Qvalue
  56) m+p-Xylenes                 15.14  106    22611     0.61 ug/kg     91
```

13

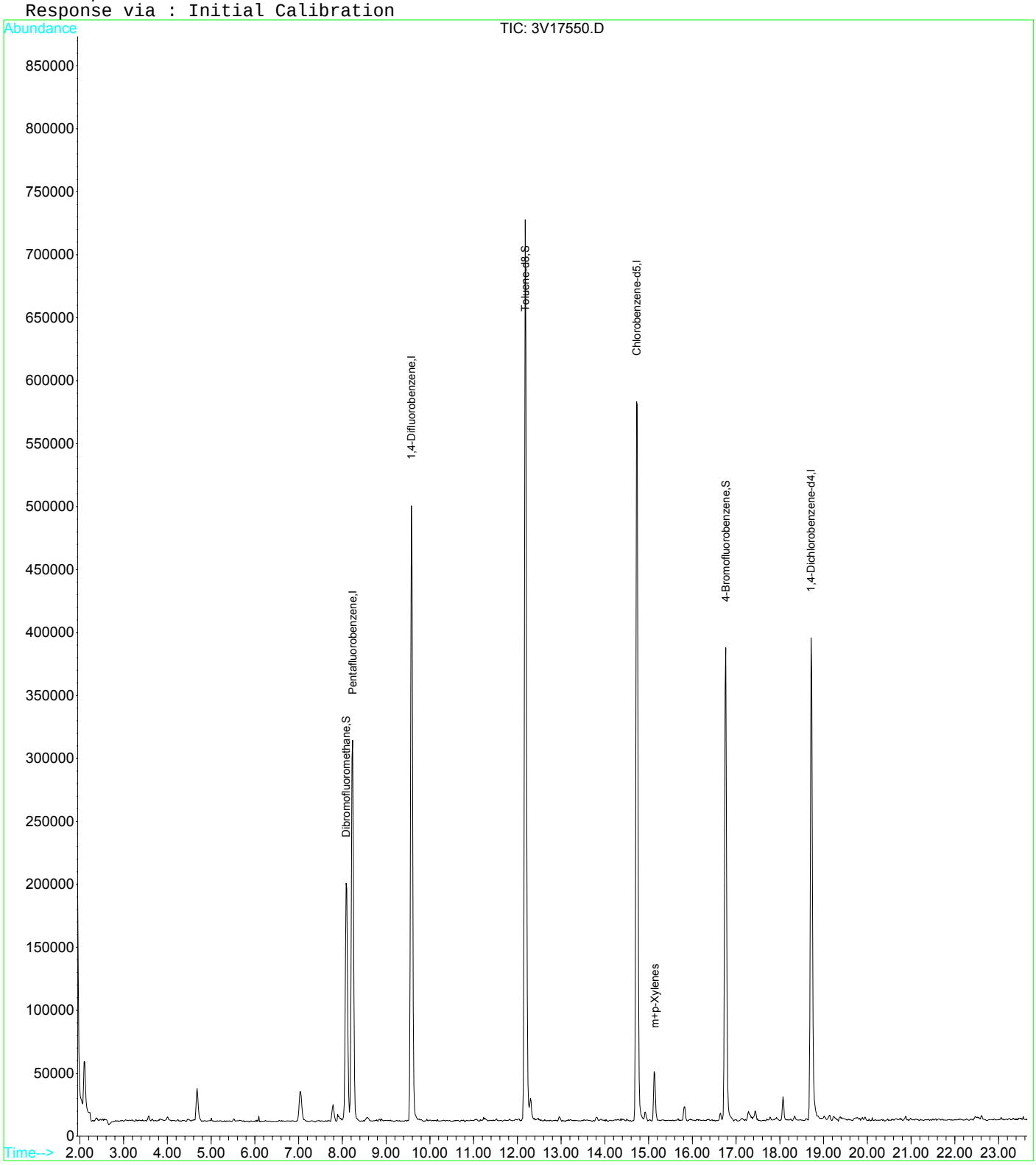
13.1.

```
 ----------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration
 3V17550.D  0205WC3.M      Mon Feb 15 15:08:38 2016      SS                    Page 1
```

Quantitation Report

Data File : G:\HPCHEM\3\DATA\02092016\3V17550.D Vial: 90
Acq On : 9 Feb 2016 20:27 Operator: omd
Sample : 6020256-02 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:01 2016 Quant Results File: 0205WC3.RES

Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration



ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-4**
Lab Sample ID: **6020256-03**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:56	File ID:	3V17551.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:56
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.40	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
71-55-6	1,1,1-Trichloroethane	ND	0.000295	0.00202	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.000279	0.00202	U
76-13-1	1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	0.000865	0.00404	U
79-00-5	1,1,2-Trichloroethane	ND	0.000340	0.00202	U
75-34-3	1,1-Dichloroethane	ND	0.000295	0.00202	U
75-35-4	1,1-Dichloroethene	ND	0.000374	0.00202	U
87-61-6	1,2,3-Trichlorobenzene	ND	0.000436	0.00202	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.000538	0.00202	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.000279	0.00202	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.000493	0.00505	U
106-93-4	1,2-Dibromoethane	ND	0.000255	0.00202	U
95-50-1	1,2-Dichlorobenzene	ND	0.000357	0.00202	U
107-06-2	1,2-Dichloroethane	ND	0.000285	0.00202	U
78-87-5	1,2-Dichloropropane	ND	0.000331	0.00202	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.000317	0.00202	U
541-73-1	1,3-Dichlorobenzene	ND	0.000148	0.00505	U
106-46-7	1,4-Dichlorobenzene	ND	0.000291	0.00202	U
78-93-3	2-Butanone	ND	0.000329	0.00505	U
591-78-6	2-Hexanone	ND	0.000189	0.00505	U
108-10-1	4-Methyl-2-pentanone	ND	0.000253	0.00202	U
67-64-1	Acetone	ND	0.000612	0.00505	U
71-43-2	Benzene	ND	0.000184	0.00202	U
74-97-5	Bromochloromethane	ND	0.000373	0.00202	U
75-27-4	Bromodichloromethane	ND	0.000254	0.00202	U
75-25-2	Bromoform	ND	0.000355	0.00202	U
74-83-9	Bromomethane	ND	0.000583	0.00505	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-4**
Lab Sample ID: **6020256-03**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:56	File ID:	3V17551.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:56
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.40	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
75-15-0	Carbon disulfide	ND	0.000290	0.00202	U
56-23-5	Carbon Tetrachloride	ND	0.000304	0.00202	U
108-90-7	Chlorobenzene	ND	0.000293	0.00202	U
124-48-1	Chlorodibromomethane	ND	0.000248	0.00202	U
75-00-3	Chloroethane	ND	0.000344	0.00202	U
67-66-3	Chloroform	ND	0.000339	0.00505	U
74-87-3	Chloromethane	ND	0.000778	0.00202	U
156-59-2	cis-1,2-Dichloroethene	ND	0.0000977	0.00202	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.000256	0.00202	U
110-82-7	Cyclohexane	ND	0.000447	0.00202	U
75-71-8	Dichlorodifluoromethane	ND	0.000682	0.00202	U
100-41-4	EthylBenzene	ND	0.000274	0.00505	U
98-82-8	Isopropylbenzene	ND	0.000317	0.00505	U
179601-23-1	m+p-Xylenes	ND	0.000510	0.0101	U
79-20-9	Methyl Acetate	ND	0.000268	0.00505	U
1634-04-4	Methyl tert-Butyl Ether	ND	0.000341	0.00202	U
108-87-2	Methylcyclohexane	ND	0.000325	0.00202	U
75-09-2	Methylene Chloride	ND	0.000607	0.00505	U
104-51-8	n-Butylbenzene	ND	0.000415	0.00505	U
103-65-1	n-Propylbenzene	ND	0.000275	0.00505	U
95-47-6	o-Xylene	ND	0.000260	0.00505	U
123-91-1	p-Dioxane	ND	0.0870	0.404	U
135-98-8	sec-Butylbenzene	ND	0.000262	0.00202	U
100-42-5	Styrene	ND	0.000289	0.00202	U
75-65-0	tert-Butyl alcohol	ND	0.00424	0.0505	U
98-06-6	tert-Butylbenzene	ND	0.000323	0.00202	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-4**
Lab Sample ID: **6020256-03**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:56	File ID:	3V17551.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:56
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.40	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
127-18-4	Tetrachloroethene	ND	0.000200	0.00202	U
108-88-3	Toluene	ND	0.000163	0.00505	U
1330-20-7	Total Xylenes	ND	0.000260	0.00505	U
156-60-5	trans-1,2-Dichloroethene	ND	0.000274	0.00202	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.000386	0.00202	U
79-01-6	Trichloroethene	ND	0.000297	0.00202	U
75-69-4	Trichlorofluoromethane	ND	0.000232	0.00202	U
75-01-4	Vinyl chloride	ND	0.000384	0.00202	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-4**
Lab Sample ID: **6020256-03**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 20:56	File ID:	3V17551.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 20:56
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.40	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/kg dry)	RT	Q
	Sum of Tentatively Identified Compounds	0.000		

J - Indicates estimated value
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution

Quantitation Report (QT/LSC Reviewed)

Data File : G:\HPCHEM\3\DATA\02092016\3V17551.D Vial: 91
Acq On : 9 Feb 2016 20:56 Operator: omd
Sample : 6020256-03 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:03 2016 Quant Results File: 0205WC3.RES

Quant Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration
DataAcq Meth : VOCRUN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.23	168	436557	50.00	ug/kg	0.00
33) 1,4-Difluorobenzene	9.58	114	772818	50.00	ug/kg	0.09
52) Chlorobenzene-d5	14.73	82	389895	50.00	ug/kg	0.09
74) 1,4-Dichlorobenzene-d4	18.71	152	279329	50.00	ug/kg	0.09
System Monitoring Compounds						
26) Dibromofluoromethane	8.08	113	255722	52.27	ug/kg	0.00
Spiked Amount 50.000	Range 59 - 147		Recovery = 104.54%			
43) Toluene-d8	12.18	98	871825	51.37	ug/kg	0.09
Spiked Amount 50.000	Range 66 - 134		Recovery = 102.74%			
62) 4-Bromofluorobenzene	16.75	95	337346	47.46	ug/kg	0.09
Spiked Amount 50.000	Range 64 - 125		Recovery = 94.92%			

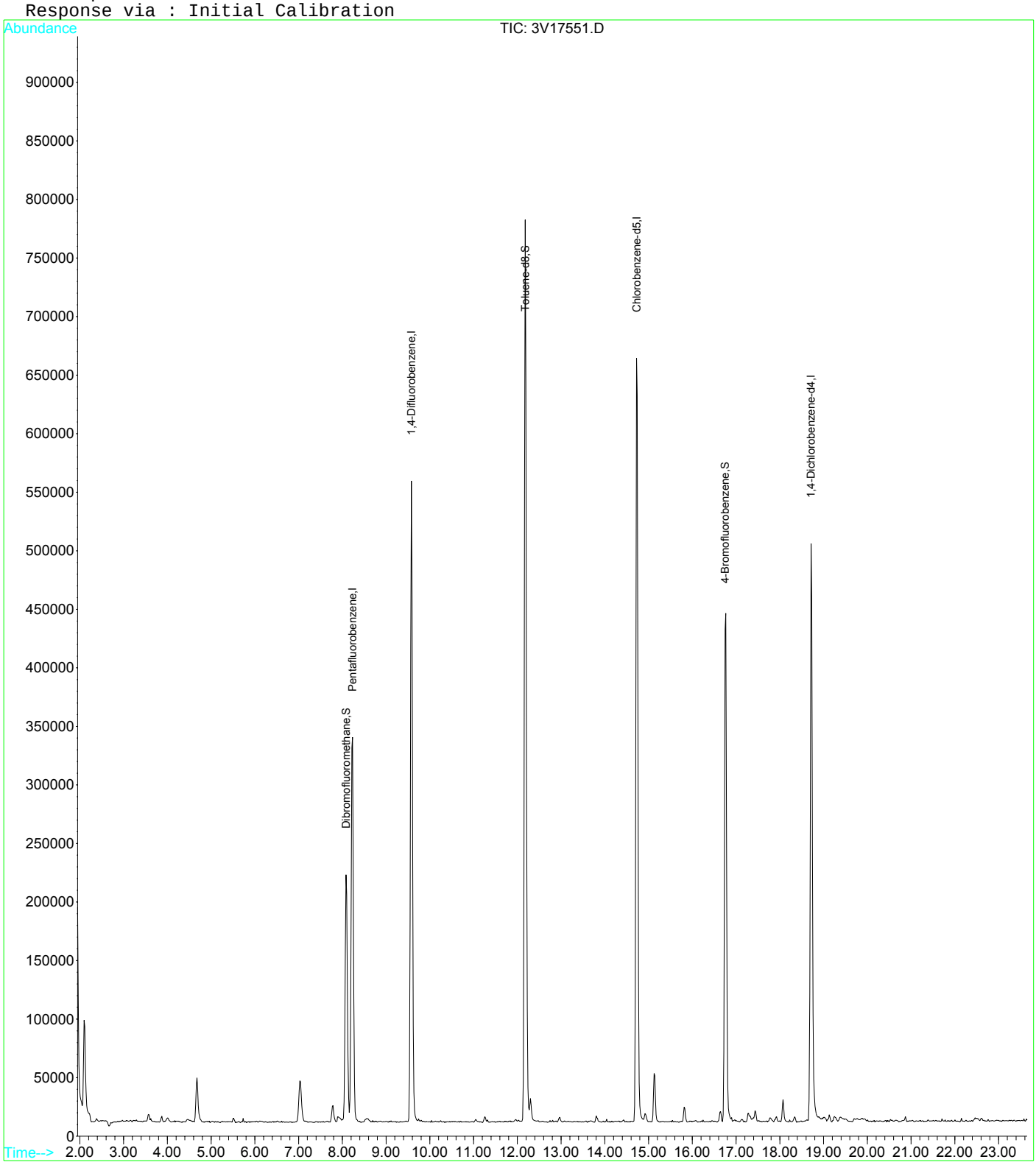
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
3V17551.D 0205WC3.M Mon Feb 15 15:08:40 2016 SS Page 1

Quantitation Report

Data File : G:\HPCHEM\3\DATA\02092016\3V17551.D Vial: 91
Acq On : 9 Feb 2016 20:56 Operator: omd
Sample : 6020256-03 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:03 2016 Quant Results File: 0205WC3.RES

Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration



3V17551.D 0205WC3.M Mon Feb 15 15:08:40 2016 SS Page 2

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-5**
Lab Sample ID: **6020256-04**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:26	File ID:	3V17552.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:26
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.66	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
71-55-6	1,1,1-Trichloroethane	ND	0.000297	0.00204	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.000281	0.00204	U
76-13-1	1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	0.000872	0.00407	U
79-00-5	1,1,2-Trichloroethane	ND	0.000343	0.00204	U
75-34-3	1,1-Dichloroethane	ND	0.000297	0.00204	U
75-35-4	1,1-Dichloroethene	ND	0.000377	0.00204	U
87-61-6	1,2,3-Trichlorobenzene	ND	0.000440	0.00204	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.000543	0.00204	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.000281	0.00204	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.000497	0.00509	U
106-93-4	1,2-Dibromoethane	ND	0.000257	0.00204	U
95-50-1	1,2-Dichlorobenzene	ND	0.000360	0.00204	U
107-06-2	1,2-Dichloroethane	ND	0.000287	0.00204	U
78-87-5	1,2-Dichloropropane	ND	0.000334	0.00204	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.000320	0.00204	U
541-73-1	1,3-Dichlorobenzene	ND	0.000150	0.00509	U
106-46-7	1,4-Dichlorobenzene	ND	0.000293	0.00204	U
78-93-3	2-Butanone	ND	0.000332	0.00509	U
591-78-6	2-Hexanone	ND	0.000190	0.00509	U
108-10-1	4-Methyl-2-pentanone	ND	0.000255	0.00204	U
67-64-1	Acetone	ND	0.000617	0.00509	U
71-43-2	Benzene	ND	0.000185	0.00204	U
74-97-5	Bromochloromethane	ND	0.000376	0.00204	U
75-27-4	Bromodichloromethane	ND	0.000256	0.00204	U
75-25-2	Bromoform	ND	0.000358	0.00204	U
74-83-9	Bromomethane	ND	0.000588	0.00509	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-5**
Lab Sample ID: **6020256-04**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:26	File ID:	3V17552.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:26
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.66	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
75-15-0	Carbon disulfide	ND	0.000292	0.00204	U
56-23-5	Carbon Tetrachloride	ND	0.000307	0.00204	U
108-90-7	Chlorobenzene	ND	0.000295	0.00204	U
124-48-1	Chlorodibromomethane	ND	0.000251	0.00204	U
75-00-3	Chloroethane	ND	0.000347	0.00204	U
67-66-3	Chloroform	ND	0.000342	0.00509	U
74-87-3	Chloromethane	ND	0.000784	0.00204	U
156-59-2	cis-1,2-Dichloroethene	ND	0.0000985	0.00204	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.000258	0.00204	U
110-82-7	Cyclohexane	ND	0.000451	0.00204	U
75-71-8	Dichlorodifluoromethane	ND	0.000688	0.00204	U
100-41-4	EthylBenzene	ND	0.000276	0.00509	U
98-82-8	Isopropylbenzene	ND	0.000320	0.00509	U
179601-23-1	m+p-Xylenes	ND	0.000514	0.0102	U
79-20-9	Methyl Acetate	ND	0.000270	0.00509	U
1634-04-4	Methyl tert-Butyl Ether	ND	0.000344	0.00204	U
108-87-2	Methylcyclohexane	ND	0.000328	0.00204	U
75-09-2	Methylene Chloride	ND	0.000612	0.00509	U
104-51-8	n-Butylbenzene	ND	0.000419	0.00509	U
103-65-1	n-Propylbenzene	ND	0.000277	0.00509	U
95-47-6	o-Xylene	ND	0.000262	0.00509	U
123-91-1	p-Dioxane	ND	0.0877	0.407	U
135-98-8	sec-Butylbenzene	ND	0.000264	0.00204	U
100-42-5	Styrene	ND	0.000291	0.00204	U
75-65-0	tert-Butyl alcohol	ND	0.00428	0.0509	U
98-06-6	tert-Butylbenzene	ND	0.000326	0.00204	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-5**
Lab Sample ID: **6020256-04**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:26	File ID:	3V17552.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:26
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.66	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
127-18-4	Tetrachloroethene	ND	0.000202	0.00204	U
108-88-3	Toluene	ND	0.000164	0.00509	U
1330-20-7	Total Xylenes	ND	0.000262	0.00509	U
156-60-5	trans-1,2-Dichloroethene	ND	0.000276	0.00204	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.000389	0.00204	U
79-01-6	Trichloroethene	ND	0.000299	0.00204	U
75-69-4	Trichlorofluoromethane	ND	0.000234	0.00204	U
75-01-4	Vinyl chloride	ND	0.000387	0.00204	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-5**
Lab Sample ID: **6020256-04**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:26	File ID:	3V17552.D
Init/Final Vol:	5.6 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:26
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	87.66	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/kg dry)	RT	Q
	Sum of Tentatively Identified Compounds	0.000		

J - Indicates estimated value
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution

Quantitation Report (QT Reviewed)

```
Data File : G:\HPCHEM\3\DATA\02092016\3V17552.D          Vial: 92
Acq On    :  9 Feb 2016  21:26                        Operator: omd
Sample    : 6020256-04                                Inst    : GCMS-3
Misc      : soil                                      Multiplr: 1.00
MS Integration Params: RTEINT.P
 Quant Time: Feb 15 15:06 2016              Quant Results File: 0205WC3.RES

Quant Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title        : VOC's by EPA Method 8260
Last Update  : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration
DataAcq Meth : VOCRUN1

 Internal Standards                R.T. QIon  Response  Conc Units Dev(Min)
 ----------------------------------------------------------------------------
   1) Pentafluorobenzene           8.23  168   436862    50.00 ug/kg   0.00
  33) 1,4-Difluorobenzene          9.58  114   785991    50.00 ug/kg   0.09
  52) Chlorobenzene-d5            14.73   82   399304    50.00 ug/kg   0.09
  74) 1,4-Dichlorobenzene-d4      18.71  152   274904    50.00 ug/kg   0.09

 System Monitoring Compounds
  26) Dibromofluoromethane         8.08  113   256795    52.46 ug/kg   0.00
   Spiked Amount     50.000   Range  59 - 147    Recovery   =  104.92%
  43) Toluene-d8                  12.18   98   877733    50.85 ug/kg   0.09
   Spiked Amount     50.000   Range  66 - 134    Recovery   =  101.70%
  62) 4-Bromofluorobenzene        16.75   95   336119    46.17 ug/kg   0.09
   Spiked Amount     50.000   Range  64 - 125    Recovery   =   92.34%

 Target Compounds                                                    Qvalue
```

13

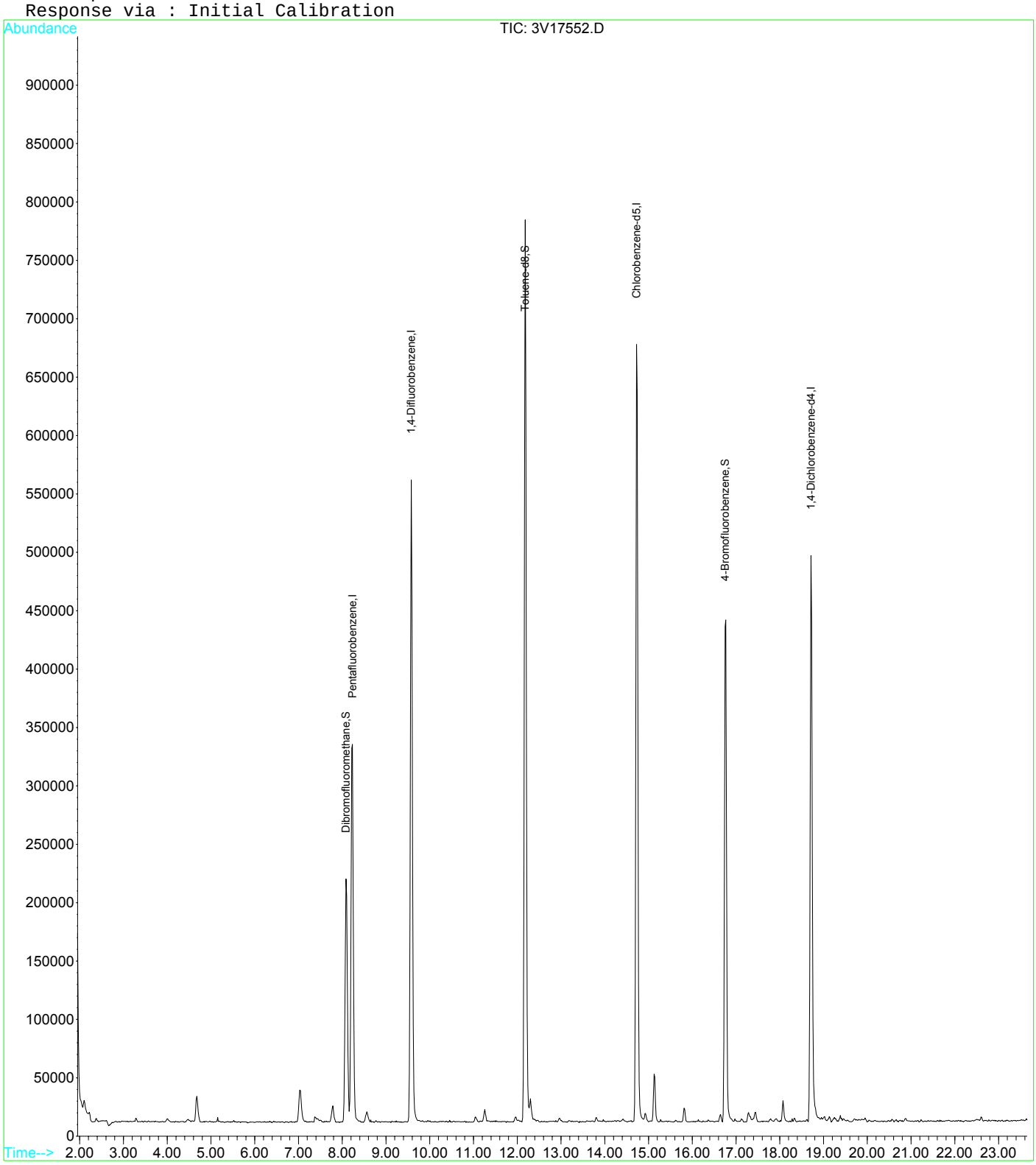
13.1.

```
 ----------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration
 3V17552.D  0205WC3.M      Mon Feb 15 15:08:41 2016      SS                    Page 1
```

Quantitation Report

Data File : G:\HPCHEM\3\DATA\02092016\3V17552.D Vial: 92
Acq On : 9 Feb 2016 21:26 Operator: omd
Sample : 6020256-04 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:06 2016 Quant Results File: 0205WC3.RES

Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration



3V17552.D 0205WC3.M Mon Feb 15 15:08:41 2016 SS Page 2

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-6**
Lab Sample ID: **6020256-05**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:55	File ID:	3V17553.D
Init/Final Vol:	6.3 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:55
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.99	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
71-55-6	1,1,1-Trichloroethane	ND	0.000260	0.00178	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.000246	0.00178	U
76-13-1	1,1,2-Trichloro-1,2,2 Trifluoroethane	ND	0.000763	0.00357	U
79-00-5	1,1,2-Trichloroethane	ND	0.000301	0.00178	U
75-34-3	1,1-Dichloroethane	ND	0.000260	0.00178	U
75-35-4	1,1-Dichloroethene	ND	0.000330	0.00178	U
87-61-6	1,2,3-Trichlorobenzene	ND	0.000385	0.00178	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.000475	0.00178	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.000246	0.00178	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.000435	0.00446	U
106-93-4	1,2-Dibromoethane	ND	0.000225	0.00178	U
95-50-1	1,2-Dichlorobenzene	ND	0.000315	0.00178	U
107-06-2	1,2-Dichloroethane	ND	0.000252	0.00178	U
78-87-5	1,2-Dichloropropane	ND	0.000293	0.00178	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.000280	0.00178	U
541-73-1	1,3-Dichlorobenzene	ND	0.000131	0.00446	U
106-46-7	1,4-Dichlorobenzene	ND	0.000257	0.00178	U
78-93-3	2-Butanone	ND	0.000291	0.00446	U
591-78-6	2-Hexanone	ND	0.000167	0.00446	U
108-10-1	4-Methyl-2-pentanone	ND	0.000223	0.00178	U
67-64-1	Acetone	ND	0.000540	0.00446	U
71-43-2	Benzene	ND	0.000162	0.00178	U
74-97-5	Bromochloromethane	ND	0.000329	0.00178	U
75-27-4	Bromodichloromethane	ND	0.000224	0.00178	U
75-25-2	Bromoform	ND	0.000313	0.00178	U
74-83-9	Bromomethane	ND	0.000515	0.00446	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-6**
Lab Sample ID: **6020256-05**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:55	File ID:	3V17553.D
Init/Final Vol:	6.3 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:55
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.99	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
75-15-0	Carbon disulfide	ND	0.000256	0.00178	U
56-23-5	Carbon Tetrachloride	ND	0.000268	0.00178	U
108-90-7	Chlorobenzene	ND	0.000259	0.00178	U
124-48-1	Chlorodibromomethane	ND	0.000219	0.00178	U
75-00-3	Chloroethane	ND	0.000304	0.00178	U
67-66-3	Chloroform	ND	0.000300	0.00446	U
74-87-3	Chloromethane	ND	0.000687	0.00178	U
156-59-2	cis-1,2-Dichloroethene	ND	0.0000862	0.00178	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.000226	0.00178	U
110-82-7	Cyclohexane	ND	0.000395	0.00178	U
75-71-8	Dichlorodifluoromethane	ND	0.000602	0.00178	U
100-41-4	EthylBenzene	ND	0.000242	0.00446	U
98-82-8	Isopropylbenzene	ND	0.000280	0.00446	U
179601-23-1	m+p-Xylenes	ND	0.000450	0.00892	U
79-20-9	Methyl Acetate	ND	0.000236	0.00446	U
1634-04-4	Methyl tert-Butyl Ether	ND	0.000301	0.00178	U
108-87-2	Methylcyclohexane	ND	0.000287	0.00178	U
75-09-2	Methylene Chloride	ND	0.000536	0.00446	U
104-51-8	n-Butylbenzene	ND	0.000367	0.00446	U
103-65-1	n-Propylbenzene	ND	0.000243	0.00446	U
95-47-6	o-Xylene	ND	0.000229	0.00446	U
123-91-1	p-Dioxane	ND	0.0768	0.357	U
135-98-8	sec-Butylbenzene	ND	0.000231	0.00178	U
100-42-5	Styrene	ND	0.000255	0.00178	U
75-65-0	tert-Butyl alcohol	ND	0.00375	0.0446	U
98-06-6	tert-Butylbenzene	ND	0.000285	0.00178	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-6**
Lab Sample ID: **6020256-05**
Project: **89-30, 114th Street, Queens NY**
Work Order: **6020256**

Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:55	File ID:	3V17553.D
Init/Final Vol:	6.3 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:55
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.99	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
127-18-4	Tetrachloroethene	ND	0.000177	0.00178	U
108-88-3	Toluene	ND	0.000144	0.00446	U
1330-20-7	Total Xylenes	ND	0.000229	0.00446	U
156-60-5	trans-1,2-Dichloroethene	ND	0.000242	0.00178	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.000341	0.00178	U
79-01-6	Trichloroethene	ND	0.000262	0.00178	U
75-69-4	Trichlorofluoromethane	ND	0.000205	0.00178	U
75-01-4	Vinyl chloride	ND	0.000339	0.00178	U

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

ANALYSIS DATA SHEET

Volatile Organics - GC/MS - SW 846 8260B

Client: **ANS Consultants**
Client Sample ID: **ANV-2328-6**
Lab Sample ID: **6020256-05**
Project: **89-30, 114th Street, Queens NY**
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Date Sampled:	02/08/16 16:30	Prep Date:	02/09/16 21:55	File ID:	3V17553.D
Init/Final Vol:	6.3 g / 5 mL	Prep Batch:	B6B0933	Analyzed:	02/09/16 21:55
Dilution:	1	Matrix:	Soil	Sequence:	S6B1509
Percent Solids:	88.99	Prep Method:	PURGE & TRAP SOIL EPA 5035A		

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/kg dry)	RT	Q
	Sum of Tentatively Identified Compounds	0.000		

J - Indicates estimated value
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution

Quantitation Report (QT/LSC Reviewed)

Data File : G:\HPCHEM\3\DATA\02092016\3V17553.D Vial: 93
Acq On : 9 Feb 2016 21:55 Operator: omd
Sample : 6020256-05 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:07 2016 Quant Results File: 0205WC3.RES

Quant Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration
DataAcq Meth : VOCRUN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.23	168	422840	50.00	ug/kg	0.00
33) 1,4-Difluorobenzene	9.58	114	763934	50.00	ug/kg	0.09
52) Chlorobenzene-d5	14.73	82	388415	50.00	ug/kg	0.09
74) 1,4-Dichlorobenzene-d4	18.73	152	286738	50.00	ug/kg	0.10

System Monitoring Compounds

26) Dibromofluoromethane	8.08	113	250122	52.79	ug/kg	0.00
Spiked Amount 50.000	Range 59 - 147		Recovery = 105.58%			
43) Toluene-d8	12.18	98	852135	50.80	ug/kg	0.09
Spiked Amount 50.000	Range 66 - 134		Recovery = 101.60%			
62) 4-Bromofluorobenzene	16.76	95	338315	47.78	ug/kg	0.10
Spiked Amount 50.000	Range 64 - 125		Recovery = 95.56%			

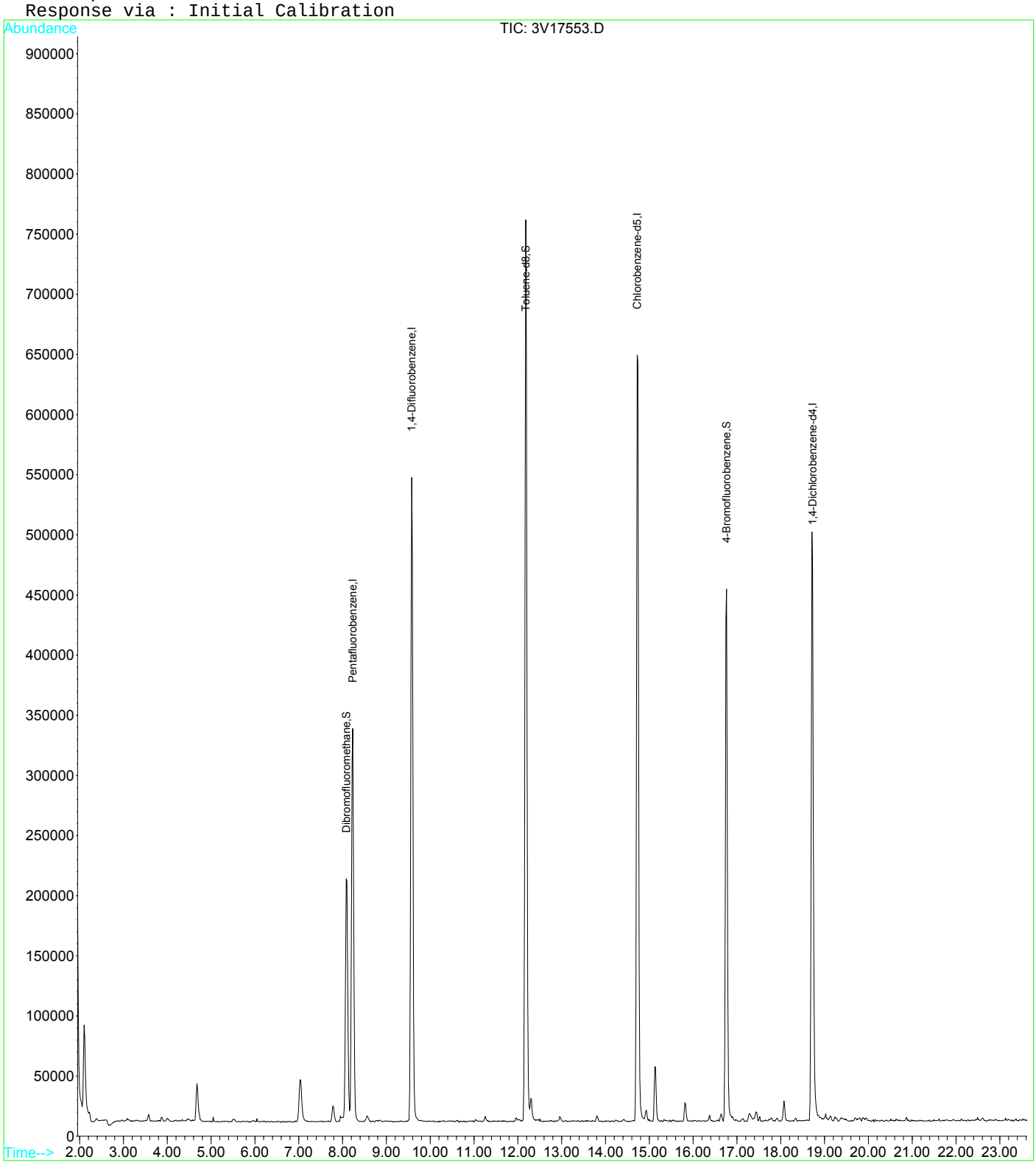
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
3V17553.D 0205WC3.M Mon Feb 15 15:08:42 2016 SS Page 1

Quantitation Report

Data File : G:\HPCHEM\3\DATA\02092016\3V17553.D Vial: 93
Acq On : 9 Feb 2016 21:55 Operator: omd
Sample : 6020256-05 Inst : GCMS-3
Misc : soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:07 2016 Quant Results File: 0205WC3.RES

Method : G:\HPCHEM\3\METHODS\0205WC3.M (RTE Integrator)
Title : VOC's by EPA Method 8260
Last Update : Mon Feb 15 15:00:34 2016
Response via : Initial Calibration



3V17553.D 0205WC3.M Mon Feb 15 15:08:42 2016 SS Page 2

AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

GENERAL CHEMISTRY

ANS Consultants

Work Order: 6020256

Project: 89-30, 114th Street, Queens NY

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14.

ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client: ANS Consultants
Project: 89-30, 114th Street, Queens NY
Work Order: 6020256

6020256-01 (Soil) **ANV-2328-2**

Analyte	Method	Concentration	Units	RL	DF	Q	Analyzed
Percent Solids	Gravimetric	87.9	%		1		02/10/2016 11:00

6020256-02 (Soil) **ANV-2328-3**

Analyte	Method	Concentration	Units	RL	DF	Q	Analyzed
Percent Solids	Gravimetric	89.3	%		1		02/10/2016 11:00

6020256-03 (Soil) **ANV-2328-4**

Analyte	Method	Concentration	Units	RL	DF	Q	Analyzed
Percent Solids	Gravimetric	88.4	%		1		02/10/2016 11:00

6020256-04 (Soil) **ANV-2328-5**

Analyte	Method	Concentration	Units	RL	DF	Q	Analyzed
Percent Solids	Gravimetric	87.7	%		1		02/10/2016 11:00

6020256-05 (Soil) **ANV-2328-6**

Analyte	Method	Concentration	Units	RL	DF	Q	Analyzed
Percent Solids	Gravimetric	89.0	%		1		02/10/2016 11:00

6020256-06 (Soil) **ANV-2328-7 Comp**

Analyte	Method	Concentration	Units	RL	DF	Q	Analyzed
Chromium, Hexavalent	SW 846 7196A	ND	mg/kg dry	0.449	1	U	02/09/2016 12:00
Cyanide	SW 846 9010B	0.449	mg/kg dry	0.281	1		02/10/2016 10:00
Percent Solids	Gravimetric	89.1	%		1		02/10/2016 11:00
pH	SW 9040B	8.53	pH Units	0.0100	1		02/09/2016 12:30
Redox Potential	SM 2580 (mod)	178	mV	-1000	1		02/09/2016 12:30