PHASE II ENVIRONMENTAL ASSESSMENT REPORT
(SUB-SURFACE SAMPLING)

CLIENT:	Michael Bialek Vice President, Real Estate ElderServe Health 80 W 225th St Bronx, NY 10463
SITE INVESTIGATED:	673 Livonia Ave., Brooklyn, NY 11207
ASSESSMENT BY:	Omega Environmental Services, Inc. 280 Huyler Street South Hackensack, NJ 07606
INVESTIGATION CONDUCTED:	June 8 , 2021
DATE OF REPORT:	June 22, 2021
REPORT PREPARED BY:	David Ekstrand
REPORT REVIEWED BY:	Veronica Kero, CIH, PE

(Omega Project # 21-1144)

Contents

1. Executive Summary

In May of 2021, Michael Bialek of ElderServe Health notified Omega Environmental Services that The Hebrew Home for the Aged at Riverdale was in the process of potentially purchasing the property identified as 473 Livonia Ave., Brooklyn NY.

A Phase I ESA was conducted by The Environmental Group (report dated August 18, 2016). The ESA referenced 2,500-gallon #2 fuel oil UST that was reportedly taken out of service prior to 1991. The ESA described the UST as unregulated. No documentation was available as to UST closure. The EAS did not address whether the UST was removed or closed in place. The ESA did not recommend further investigation since (according to the report) "the Bank has informed EI that they have a full guarantee and an environmental indemnity agreement from the principal/borrower".

Michael Bialek, on behalf of The Hebrew Home, requested that Omega perform a Phase II Sub-surface Investigation related to the out-of-service UST.

On June 8, 2021, Omega Environmental Services conducted a sub-surface investigation event at the site.

The UST was reportedly located under a driveway on the northern side of the building. However, the driveway has since been paved with concrete. Although the exact location of the UST was not known, it was considered to most likely be next to an abandoned UST vent pipe on the building exterior wall.

Therefore, five borings were developed in the suspected area of the out-of-service UST. Refusal was encountered in each of the borings at depths of 5.5 to 10 feet bgs. No odors or VOCs were identified I any of the borings. Samples were collected at the bottom of each boring.

Also, due to the historic uses of the property for furniture manufacturing with spray painting, one boring was developed through a central interior floor drain (previously damaged). One sample was collected from approximately 1 foot below the slab.

Results of three out of six samples were below method detection limits.

Results of a few compounds in two samples (1144-01 and 1144-02) were marginally above the NYSDEC Unrestricted Use criteria. Meeting the Unrestricted Use criteria means the soil could be utilized/disposed of without any restrictions (including residential). However, the site is commercial, so a comparison to NYSDEC Commercial Use criteria is more appropriate.

Although results of two samples (1144-01 and 1144-02) were marginally above the NYS DEC Commercial Use criteria for one compound (Benzo(a)Pyrene), rounding off the results (1.45 mg/kg) to 1 mg/kg does not exceed the NYS DEC Commercial Use criteria.

The compound is often associated with poor quality fill.

Therefore, the two samples do not indicate an environmental concern as long as the property continues as commercial use.

However, the presence of low levels of dry cleaning chemicals TCE (Trichloroethene) and PCE (Tetrachlorethene a.k.a. PERC) do indicate a potential concern related to deeper soils below the building slab.

2. Sub-surface Sampling Description

Omega developed six borings utilizing a Geoprobe system. Soils were field screened with a PID (Photoionization Detector) for VOCs (Volatile Organic Compounds). The section of the boring with the highest PID readings would normally be collected for analysis. However, no VOC readings were indicated by the PID (all < 0.1 ppm). Therefore, exterior samples 01 through 05 were collected at the bottom of the borings.

The interior sample was collected just below the slab through a broken floor drain.

Soils encountered consisted of red to brown sand and brown sandy silt. No groundwater was encountered in any of the borings.

Sample locations were as follows:

- Sample 1144-01 – Inline w/vent pipe, middle of the driveway.
- Sample 1144-02 – 3' south of the suspected center of UST (toward vent pipe).
- Sample 1144-03 – 3' north of the suspected center (away from vent pipe).
- Sample 1144-04 – 6' east of the suspected center.
- Sample 1144-05 – 10' west of the suspected center.
- Sample 1144-06 – Center of interior space, through a broken floor drain.

See the enclosed site map for boring locations.

After collection, samples were collected in appropriate glassware, placed in a cooler, and maintained at 4$_{o}$C. Samples were delivered to Accredited Analytical Resources, LLC, 20 Pershing Ave., Carteret, NJ 07008. All six samples were analyzed for the following parameters:

- Target Compound List Volatile Organic Compounds (EPA method 8260D)
- Target Compound List Semi-Volatile Compounds (EPA method 8270E)

3. Sample Results Summary

The following table summarizes the results of Omega's sub-surface sampling. Only the results above Method Detection Limits are shown. Results above regulatory limits are shown in **bold**.

Sample #	Compound	Result (mg/kg)	CP-51(mg/kg) (1)	Unrestricted Use (2)	Restricted Commercial Use (3)
1144-01	***Volatiles***				
	Trichloroethene	.00195	NA	0.47	200
	Tetrachloroethane	0.0637	NA	1.3	150
	Semivolatiles				
	2-Methylnaphthylene	0.0945	NA	NA	NA
	Dibenzofuran	0.197	NA	NA	NA
	Flourene	0.260	30	30	500
	Phenanthrene	2.74	100	100	500
	Anthracene	0.697	100	100	500
	Fluoranthene	3.16	100	100	500
	Pyrene	2.84	100	100	500
	Benzo[a]anthracene	**1.55**	1.0	1	5.6
	Chrysene	**1.40**	1.0	1	56
	Benzo[b]fluoranthene	**1.74**	1.0	1	5.6
	Benzo[k]fluoranthene	**1.39**	0.8	0.8	56
	Benzo[a]pyrene	**1.45**	1.0	1	1
	Indeno(1,2,3-cd)pyrene	0.454	0.5	0.5	5.6
	Dibenzo(a,h)anthracene	0.0843	0.33	0.33	0.56
	Benzo[ghi]perylene	0.338	100	100	500
1144-02	***Volatiles***				
	cis-1,2-Dichloroethene	0.00119	NA	0.25	500
	Tetrachloroethene	0.0208	NA	1.3	150
	Semivolatiles				
	Naphthalene	0.0675	12.0	12	500
	Dimethylphthalate	0.0845	NA	NA	NA
	Acenaphthene	0.211	20	20	500
	Dibenzofuran	0.131	NA	NA	NA
	Fluorene	0.204	30	30	500
	Phenanthrene	2.110	100	100	500
	Anthracene	0.352	100	100	500

	Fluoranthene	2.430	100	100	500
	Pyrene	2.240	100	100	500
	Benzo[a]anthracene	**1.110**	1.0	1	5.6
	Chrysene	**1.110**	1.0	1	56
	Benzo[b]fluoranthene	**1.26**	1.0	1	5.6
	Benzo[k]fluoranthene	**0.934**	0.8	0.8	56
	Benzo[a]pyrene	**1.05**	1.0	1	1
	Indeno(1,2,3-cd)pyrene	0.359	0.5	0.5	5.6
	Dibenzo(a,h)anthracene	0.143	0.33	0.33	0.56
	Benzo[ghi]perylene	0.246	100	100	500
1144-03	***Volatiles*** - all None Detected				
	Semivolatiles - all None Detected				
1144-04	***Volatiles*** - all None Detected				
	Semivolatiles - all None Detected				
1144-05	***Volatiles*** - all None Detected				
	Semivolatiles - all None Detected				
1144-06	***Volatiles***				
	Trichloroethene	0.00167	NA	0.47	200
	Tetrachloroethene	0.0305	NA	1.3	150
	Semivolatiles				
	Butylbenzylphthalate	0.187	NA	NA	NA

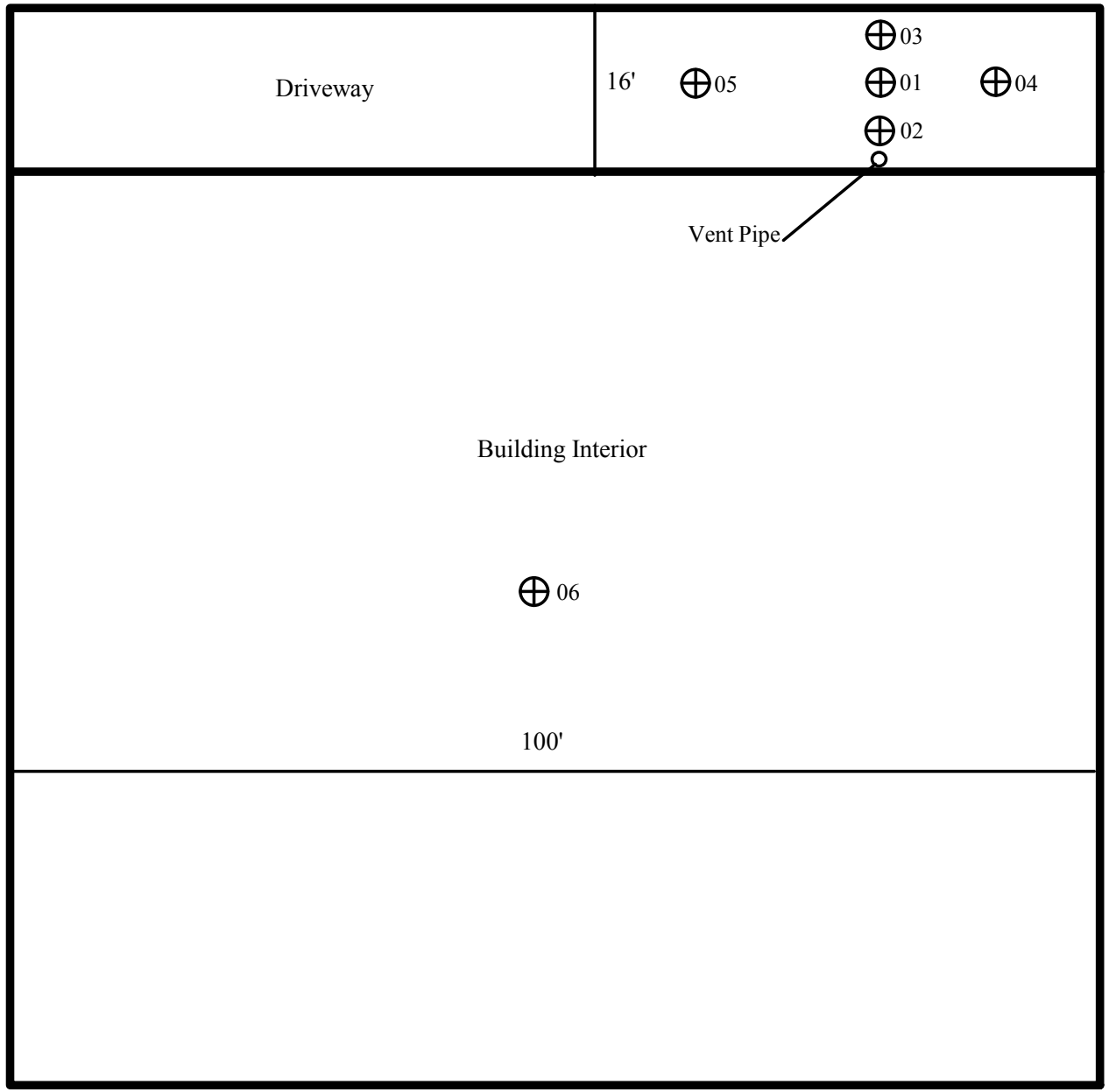
(1) NYS DEC CP-51 Soil Cleanup Guidance Table 3 (for fuel oil contaminated soil)
(2) NYS DEC Subpart 375-6.8 (a) Unrestricted Use Soil Cleanup Objectives
(3) NYS DEC Subpart 375-6.8 (b) Restricted Use Soil Cleanup Objectives – Commercial

4. Conclusions and Recommendations

No further action is recommended in regards to sub-surface conditions **related to the out-of-service UST.**

However, the presence of low levels of TCE (Trichloroethene) and PCE (Tetrachlorethene a.k.a. PERC) indicate that dry cleaning chemicals may be a concern. Therefore, further deeper soil sampling is recommended inside the building.

5A. SAMPLE LOCATION PLAN



N

N.T.S.

Dwg. Title: Sample Location Plan		
Location: 673 Livonia Ave., Brooklyn, NY		
Client: Elderserve Health		
	Omega Env. Services 280 Huyler Street S Hackensack, NJ 07606 Tel: (201) 489-8700 Fax: (201) 342-5412	Date: 6/8/21 Proj: 21-1144 Dwn By: DSE Dwg #: 1144-01

5B. LABORATORY REPORTS

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

Analytical Report

Prepared for

OMEGA ENVIRONMENTAL SERVICES

280 Huyler Street

South Hackensack, NJ 07606

Report Information

Project Name: 21-1144

AAR Work Order: **2100907**

Client Sample ID	Laboratory Sample Number
01	2100907-01
02	2100907-02
03	2100907-03
04	2100907-04
05	2100907-05
06	2100907-06

New Jersey Certification Number: 12007
New York Certification Number: 11109
Pennsylvania Certification Number: 68-02799
CT Certification Number: PH-0219

This data has been reviewed and accepted by:

Daniel Miguel
Technical Director

6/15/2021

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

Case Narrative

Conformance / Non-Conformance Summary

AAR Work Order: 2100907

Accredited Analytical Resources, LLC received 6 sample(s) from OMEGA ENVIRONMENTAL SERVICES (Project: 21-1144) on 06/08/2021 13:18.

The container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW 846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW 846-5035A requirements.

All analyses were performed within the required holding time.

Except for the parameters tested AAR makes no representation as to the fitness or quality of the sample (s) taken.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analyses."

Daniel Miguel
Technical Director

Methodology Summary

Semivolatile Organic Compounds EPA Method SW846 8270E

8270E

Volatile Organic Compounds EPA Method SW846 8260D

8260D

Wet Chemistry

Percent Solids by SM 2540 G

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

Condition of Samples on Receipt

Client Name:	OMEGA ENVIRONMENTAL SERVICES
Project Name:	21-1144
AAR Work Order Number:	2100907

Temperature of Cooler:	20°C
Chain of Custody Filled Out Properly	Yes
Received with Proper Containers	No
Received with Proper Volumes	Yes
Received Within Holding Time	Yes
Samples Received with Correct Preservation	No
Samples Received On Ice	No
Sample Received Via Field Services	No
Samples Hand Delivered	Yes

Accredited Analytical Resources, LLC.
20 PERSHING AVE, CARTERET, NJ 07008
Tel. 732-969-6112 FAX 732-541-1383
WEB: WWW.ACCREDITEDANALYTICAL.COM

CHAIN OF CUSTODY FORM

STATE AGENCY (CIRCLE ONE)	NJ (NY) PA
PROJECT NAME:	21-1144
CONTACT:	DAVID EKSTRAND
OFFICE PHONE #	201-522-9879
OFFICE FAX #	
INITIAL RESULTS TO:	LABO OMEGA-ENV.COM
EMAIL FOR INVOICE:	

CLIENT NAME:	OMEGA
ADDRESS:	280 MUYLER ST
CITY:	S-HACKENSACK
STATE:	NJ ZIP: 07606

AAR QUOTE #	
AAR WORK ORDER #	2100907
P.O. #	

ANALYSIS

COLLECTION INFORMATION

CUSTOMER SAMPLE # / ID	DATE / TIME SAMPLED	MATRIX CODE	DEPTH	# OF CONTAINERS	GRAB (G) COMP (C)	PRES. CODE →	X	X											AAR SAMPLE #
						CONT. CODE →	G	G											
							VOC 8260	SVOC 8270											
01	6/8			2			X	X											-01
02	"			1			X	X											-02
03	"			2			X	X											-03
04	"			2			X	X											-04
05	"			2			X	X											-05
06	"			2			X	X											-06

MATRIX CODES: S = SOIL A = AQUEOUS GW = GROUND WATER WW = WASTE WATER SW = SURFACE WATER P = POTABLE WATER O = OIL K = SOLID X = OTHER_____

CONTAINER TYPE CODES: G = GLASS P = PLASTIC E = ENCORE PRESERVATIVES CODES: 1 = HCL 2 = HNO_3 3 = H_2SO_4 4 = NaOH 5 = OTHER_____

TURNAROUND TIME: (CIRCLE ONE)	STANDARD	5 DAY	72 HRS.	48 HRS.	24 HRS.	OTHER_____
	(IF BLANK STANDARD WILL APPLY)					
REPORT TYPE:	RESULTS ONLY X	REDUCED____	FULL____	EDD____	EXCEL SPREADSHEET____	

COMMENTS:

COOLER TEMP. 20°C

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: DAVID EKSTRAND SIGN: D. Ekstrand

SIGN BELOW WHEN DELIVERING SAMPLES. EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY, CUSTODY MUST BE DOCUMENTED.

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Print Name: D EKSTRAND	Print Name: K Inacio	Print Name:	Print Name:
Signature: D. Ekstrand	Signature: K Inacio	Signature:	Signature:
Agent of: OMEGA	Agent of: AAR	Agent of:	Agent of:
Date Received: 6/8/2021	Time: 1318	Date Received: / /	Time:
RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Print Name:	Print Name:	Print Name:	Print Name:
Signature:	Signature:	Signature:	Signature:
Agent of:	Agent of:	Agent of:	Agent of:
Date Received: / /	Time:	Date Received: / /	Time:

Ref No: G 375214439

Accredited Analytical Resources, LLC.

Customer Change Order

Initiator:	Bernie	**Date:**	6-9-21
Client:	Omega	**Phone No.:**	
Contact:	David E.	**Fax No.:**	
Work Order No.:	2100907	**E-Mail Address:**	
Date Sampled:	6-8-21	**Demand Date:**	6-15-21
		Holding Time Up on:	

Change Order Request:

Revise the TAT for this case to 5 days per client

Remarks:

Rose, Betty, Mike, VO, Neceta

Kathy, Nydia

DOC#: QA/QC-5

Bernie O'Gara

From: David Ekstrand [davide@omega-env.com]
Sent: Tuesday, June 08, 2021 4:37 PM
To: Bernie O'Gara
Subject: Samples delivered tat

Bernie
Just realized client has requested a 5 day tat in the samples I dropped off today. Please let me know if you need something to document this.
Dave

Sent from my iPhone

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

Analytical Report for Samples

Client Name:	OMEGA ENVIRONMENTAL SERVICES
Project Name:	21-1144

Client Field ID	AAR Laboratory Number	Matrix	Date/Time Sampled	Date/Time Received
01	2100907-01	Soil	06/08/2021 00:00	06/08/2021 13:18
02	2100907-02	Soil	06/08/2021 00:00	06/08/2021 13:18
03	2100907-03	Soil	06/08/2021 00:00	06/08/2021 13:18
04	2100907-04	Soil	06/08/2021 00:00	06/08/2021 13:18
05	2100907-05	Soil	06/08/2021 00:00	06/08/2021 13:18
06	2100907-06	Soil	06/08/2021 00:00	06/08/2021 13:18

Data Qualifiers

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
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
NFL - No Free Liquids
VC - The container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

SEMIVOLATILES

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 01
Lab Sample ID: 2100907-01
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	93.10	Prep Method:	EPA 3550B GCMS	File ID:	L00525.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 19:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	53.7	134	
108-95-2	Phenol	ND	53.7	134	
111-44-4	bis(2-chloroethyl)ether	ND	53.7	134	
95-57-8	2-Chlorophenol	ND	53.7	134	
541-73-1	1,3-Dichlorobenzene	ND	53.7	134	
106-46-7	1,4-Dichlorobenzene	ND	53.7	134	
100-51-6	Benzyl alcohol	ND	53.7	134	
95-50-1	1,2-Dichlorobenzene	ND	53.7	134	
95-48-7	2-Methylphenol	ND	53.7	134	
39638-32-9	bis(2-chloroisopropyl)ether	ND	53.7	134	
106-44-5	3 & 4-Methylphenol	ND	53.7	134	
621-64-7	N-Nitroso-di-n-propylamine	ND	53.7	134	
67-72-1	Hexachloroethane	ND	53.7	134	
98-95-3	Nitrobenzene	ND	53.7	134	
78-59-1	Isophorone	ND	53.7	134	
88-75-5	2-Nitrophenol	ND	53.7	134	
105-67-9	2,4-Dimethylphenol	ND	53.7	134	
111-91-1	bis(2-chloroethoxy)methane	ND	53.7	134	
120-83-2	2,4-Dichlorophenol	ND	53.7	134	
120-82-1	1,2,4-Trichlorobenzene	ND	53.7	134	
91-20-3	Naphthalene	170	53.7	134	
106-47-8	4-Chloroaniline	ND	53.7	134	
87-68-3	Hexachlorobutadiene	ND	53.7	134	
59-50-7	4-Chloro-3-methylphenol	ND	53.7	134	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 01
Lab Sample ID: 2100907-01
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	93.10	Prep Method:	EPA 3550B GCMS	File ID:	L00525.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 19:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
91-57-6	2-Methylnaphthylene	94.5	53.7	134	J
77-47-4	Hexachlorocyclopentadiene	ND	53.7	134	
88-06-2	2,4,6-Trichlorophenol	ND	53.7	134	
95-95-4	2,4,5-Trichlorophenol	ND	53.7	134	
91-58-7	2-Chloronaphthalene	ND	53.7	134	
88-74-4	2-Nitroaniline	ND	53.7	134	
131-11-3	Dimethylphthalate	ND	53.7	134	
208-96-8	Acenaphthylene	ND	53.7	134	
99-09-2	3-Nitroaniline	ND	53.7	134	
83-32-9	Acenaphthene	315	53.7	134	
51-28-5	2,4-Dinitrophenol	ND	53.7	269	
100-02-7	4-Nitrophenol	ND	53.7	134	
132-64-9	Dibenzofuran	197	53.7	134	
606-20-2	2,6-Dinitrotoluene	ND	53.7	134	
121-14-2	2,4-Dinitrotoluene	ND	53.7	134	
84-66-2	Diethyl phthalate	ND	53.7	134	
7005-72-3	4-Chlorophenyl-phenylether	ND	53.7	134	
86-73-7	Fluorene	260	53.7	134	
100-01-6	4-Nitroaniline	ND	53.7	134	
534-52-1	4,6-Dinitro-2-methylphenol	ND	53.7	134	
86-30-6	N-Nitrosodiphenylamine	ND	53.7	134	
101-55-3	4-Bromophenyl-phenylether	ND	53.7	134	
118-74-1	Hexachlorobenzene	ND	53.7	134	
87-86-5	Pentachlorophenol	ND	53.7	134	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 01
Lab Sample ID: 2100907-01
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	93.10	Prep Method:	EPA 3550B GCMS	File ID:	L00525.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 19:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
85-01-8	Phenanthrene	2740	53.7	134	
120-12-7	Anthracene	697	53.7	134	
84-74-2	Di-n-butyl phthalate	ND	53.7	134	
206-44-0	Fluoranthene	3160	53.7	134	
129-00-0	Pyrene	2840	53.7	134	
85-68-7	Butylbenzylphthalate	ND	53.7	134	
91-94-1	3,3'-Dichlorobenzidine	ND	134	134	
56-55-3	Benzo[a]anthracene	1550	53.7	134	
117-81-7	bis(2-ethylhexyl)phthalate	ND	53.7	134	
218-01-9	Chrysene	1400	53.7	134	
117-84-0	Di-n-octyl phthalate	ND	53.7	134	
205-99-2	Benzo[b]fluoranthene	1740	53.7	134	
207-08-9	Benzo[k]fluoranthene	1390	53.7	134	
50-32-8	Benzo[a]pyrene	1450	53.7	134	
193-39-5	Indeno(1,2,3-cd)pyrene	454	53.7	134	
53-70-3	Dibenzo(a,h)anthracene	84.3	53.7	134	J
191-24-2	Benzo[ghi]perylene	338	53.7	134	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	61%	10-96
Phenol-d5	60%	11-100
Nitrobenzene-d5	58%	13-124
2-Fluorobiphenyl	50%	17-99
2,4,6-Tribromophenol	63%	16-110
Terphenyl-d14	59%	10-168

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 02
Lab Sample ID: 2100907-02
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	92.60	Prep Method:	EPA 3550B GCMS	File ID:	L00528.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 21:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	53.9	135	
108-95-2	Phenol	ND	53.9	135	
111-44-4	bis(2-chloroethyl)ether	ND	53.9	135	
95-57-8	2-Chlorophenol	ND	53.9	135	
541-73-1	1,3-Dichlorobenzene	ND	53.9	135	
106-46-7	1,4-Dichlorobenzene	ND	53.9	135	
100-51-6	Benzyl alcohol	ND	53.9	135	
95-50-1	1,2-Dichlorobenzene	ND	53.9	135	
95-48-7	2-Methylphenol	ND	53.9	135	
39638-32-9	bis(2-chloroisopropyl)ether	ND	53.9	135	
106-44-5	3 & 4-Methylphenol	ND	53.9	135	
621-64-7	N-Nitroso-di-n-propylamine	ND	53.9	135	
67-72-1	Hexachloroethane	ND	53.9	135	
98-95-3	Nitrobenzene	ND	53.9	135	
78-59-1	Isophorone	ND	53.9	135	
88-75-5	2-Nitrophenol	ND	53.9	135	
105-67-9	2,4-Dimethylphenol	ND	53.9	135	
111-91-1	bis(2-chloroethoxy)methane	ND	53.9	135	
120-83-2	2,4-Dichlorophenol	ND	53.9	135	
120-82-1	1,2,4-Trichlorobenzene	ND	53.9	135	
91-20-3	Naphthalene	67.5	53.9	135	J
106-47-8	4-Chloroaniline	ND	53.9	135	
87-68-3	Hexachlorobutadiene	ND	53.9	135	
59-50-7	4-Chloro-3-methylphenol	ND	53.9	135	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 02
Lab Sample ID: 2100907-02
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	92.60	Prep Method:	EPA 3550B GCMS	File ID:	L00528.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 21:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
91-57-6	2-Methylnaphthylene	ND	53.9	135	
77-47-4	Hexachlorocyclopentadiene	ND	53.9	135	
88-06-2	2,4,6-Trichlorophenol	ND	53.9	135	
95-95-4	2,4,5-Trichlorophenol	ND	53.9	135	
91-58-7	2-Chloronaphthalene	ND	53.9	135	
88-74-4	2-Nitroaniline	ND	53.9	135	
131-11-3	Dimethylphthalate	84.2	53.9	135	J
208-96-8	Acenaphthylene	ND	53.9	135	
99-09-2	3-Nitroaniline	ND	53.9	135	
83-32-9	Acenaphthene	211	53.9	135	
51-28-5	2,4-Dinitrophenol	ND	53.9	271	
100-02-7	4-Nitrophenol	ND	53.9	135	
132-64-9	Dibenzofuran	131	53.9	135	J
606-20-2	2,6-Dinitrotoluene	ND	53.9	135	
121-14-2	2,4-Dinitrotoluene	ND	53.9	135	
84-66-2	Diethyl phthalate	ND	53.9	135	
7005-72-3	4-Chlorophenyl-phenylether	ND	53.9	135	
86-73-7	Fluorene	204	53.9	135	
100-01-6	4-Nitroaniline	ND	53.9	135	
534-52-1	4,6-Dinitro-2-methylphenol	ND	53.9	135	
86-30-6	N-Nitrosodiphenylamine	ND	53.9	135	
101-55-3	4-Bromophenyl-phenylether	ND	53.9	135	
118-74-1	Hexachlorobenzene	ND	53.9	135	
87-86-5	Pentachlorophenol	ND	53.9	135	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 02
Lab Sample ID: 2100907-02
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	92.60	Prep Method:	EPA 3550B GCMS	File ID:	L00528.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 21:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
85-01-8	Phenanthrene	2110	53.9	135	
120-12-7	Anthracene	352	53.9	135	
84-74-2	Di-n-butyl phthalate	ND	53.9	135	
206-44-0	Fluoranthene	2430	53.9	135	
129-00-0	Pyrene	2240	53.9	135	
85-68-7	Butylbenzylphthalate	ND	53.9	135	
91-94-1	3,3'-Dichlorobenzidine	ND	134	135	
56-55-3	Benzo[a]anthracene	1110	53.9	135	
117-81-7	bis(2-ethylhexyl)phthalate	ND	53.9	135	
218-01-9	Chrysene	1110	53.9	135	
117-84-0	Di-n-octyl phthalate	ND	53.9	135	
205-99-2	Benzo[b]fluoranthene	1260	53.9	135	
207-08-9	Benzo[k]fluoranthene	934	53.9	135	
50-32-8	Benzo[a]pyrene	1050	53.9	135	
193-39-5	Indeno(1,2,3-cd)pyrene	359	53.9	135	
53-70-3	Dibenzo(a,h)anthracene	143	53.9	135	
191-24-2	Benzo[ghi]perylene	246	53.9	135	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	57%	10-96
Phenol-d5	56%	11-100
Nitrobenzene-d5	52%	13-124
2-Fluorobiphenyl	46%	17-99
2,4,6-Tribromophenol	57%	16-110
Terphenyl-d14	53%	10-168

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 03
Lab Sample ID: 2100907-03
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	96.70	Prep Method:	EPA 3550B GCMS	File ID:	L00518.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 14:54
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	51.7	129	
108-95-2	Phenol	ND	51.7	129	
111-44-4	bis(2-chloroethyl)ether	ND	51.7	129	
95-57-8	2-Chlorophenol	ND	51.7	129	
541-73-1	1,3-Dichlorobenzene	ND	51.7	129	
106-46-7	1,4-Dichlorobenzene	ND	51.7	129	
100-51-6	Benzyl alcohol	ND	51.7	129	
95-50-1	1,2-Dichlorobenzene	ND	51.7	129	
95-48-7	2-Methylphenol	ND	51.7	129	
39638-32-9	bis(2-chloroisopropyl)ether	ND	51.7	129	
106-44-5	3 & 4-Methylphenol	ND	51.7	129	
621-64-7	N-Nitroso-di-n-propylamine	ND	51.7	129	
67-72-1	Hexachloroethane	ND	51.7	129	
98-95-3	Nitrobenzene	ND	51.7	129	
78-59-1	Isophorone	ND	51.7	129	
88-75-5	2-Nitrophenol	ND	51.7	129	
105-67-9	2,4-Dimethylphenol	ND	51.7	129	
111-91-1	bis(2-chloroethoxy)methane	ND	51.7	129	
120-83-2	2,4-Dichlorophenol	ND	51.7	129	
120-82-1	1,2,4-Trichlorobenzene	ND	51.7	129	
91-20-3	Naphthalene	ND	51.7	129	
106-47-8	4-Chloroaniline	ND	51.7	129	
87-68-3	Hexachlorobutadiene	ND	51.7	129	
59-50-7	4-Chloro-3-methylphenol	ND	51.7	129	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 03
Lab Sample ID: 2100907-03
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	96.70	Prep Method:	EPA 3550B GCMS	File ID:	L00518.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 14:54
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
91-57-6	2-Methylnaphthylene	ND	51.7	129	
77-47-4	Hexachlorocyclopentadiene	ND	51.7	129	
88-06-2	2,4,6-Trichlorophenol	ND	51.7	129	
95-95-4	2,4,5-Trichlorophenol	ND	51.7	129	
91-58-7	2-Chloronaphthalene	ND	51.7	129	
88-74-4	2-Nitroaniline	ND	51.7	129	
131-11-3	Dimethylphthalate	ND	51.7	129	
208-96-8	Acenaphthylene	ND	51.7	129	
99-09-2	3-Nitroaniline	ND	51.7	129	
83-32-9	Acenaphthene	ND	51.7	129	
51-28-5	2,4-Dinitrophenol	ND	51.7	259	
100-02-7	4-Nitrophenol	ND	51.7	129	
132-64-9	Dibenzofuran	ND	51.7	129	
606-20-2	2,6-Dinitrotoluene	ND	51.7	129	
121-14-2	2,4-Dinitrotoluene	ND	51.7	129	
84-66-2	Diethyl phthalate	ND	51.7	129	
7005-72-3	4-Chlorophenyl-phenylether	ND	51.7	129	
86-73-7	Fluorene	ND	51.7	129	
100-01-6	4-Nitroaniline	ND	51.7	129	
534-52-1	4,6-Dinitro-2-methylphenol	ND	51.7	129	
86-30-6	N-Nitrosodiphenylamine	ND	51.7	129	
101-55-3	4-Bromophenyl-phenylether	ND	51.7	129	
118-74-1	Hexachlorobenzene	ND	51.7	129	
87-86-5	Pentachlorophenol	ND	51.7	129	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 03
Lab Sample ID: 2100907-03
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	96.70	Prep Method:	EPA 3550B GCMS	File ID:	L00518.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 14:54
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
85-01-8	Phenanthrene	ND	51.7	129	
120-12-7	Anthracene	ND	51.7	129	
84-74-2	Di-n-butyl phthalate	ND	51.7	129	
206-44-0	Fluoranthene	ND	51.7	129	
129-00-0	Pyrene	ND	51.7	129	
85-68-7	Butylbenzylphthalate	ND	51.7	129	
91-94-1	3,3'-Dichlorobenzidine	ND	129	129	
56-55-3	Benzo[a]anthracene	ND	51.7	129	
117-81-7	bis(2-ethylhexyl)phthalate	ND	51.7	129	
218-01-9	Chrysene	ND	51.7	129	
117-84-0	Di-n-octyl phthalate	ND	51.7	129	
205-99-2	Benzo[b]fluoranthene	ND	51.7	129	
207-08-9	Benzo[k]fluoranthene	ND	51.7	129	
50-32-8	Benzo[a]pyrene	ND	51.7	129	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	51.7	129	
53-70-3	Dibenzo(a,h)anthracene	ND	51.7	129	
191-24-2	Benzo[ghi]perylene	ND	51.7	129	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	65%	10-96
Phenol-d5	62%	11-100
Nitrobenzene-d5	62%	13-124
2-Fluorobiphenyl	51%	17-99
2,4,6-Tribromophenol	71%	16-110
Terphenyl-d14	61%	10-168

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 04
Lab Sample ID: 2100907-04
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	94.20	Prep Method:	EPA 3550B GCMS	File ID:	L00519.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 15:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	53.0	133	
108-95-2	Phenol	ND	53.0	133	
111-44-4	bis(2-chloroethyl)ether	ND	53.0	133	
95-57-8	2-Chlorophenol	ND	53.0	133	
541-73-1	1,3-Dichlorobenzene	ND	53.0	133	
106-46-7	1,4-Dichlorobenzene	ND	53.0	133	
100-51-6	Benzyl alcohol	ND	53.0	133	
95-50-1	1,2-Dichlorobenzene	ND	53.0	133	
95-48-7	2-Methylphenol	ND	53.0	133	
39638-32-9	bis(2-chloroisopropyl)ether	ND	53.0	133	
106-44-5	3 & 4-Methylphenol	ND	53.0	133	
621-64-7	N-Nitroso-di-n-propylamine	ND	53.0	133	
67-72-1	Hexachloroethane	ND	53.0	133	
98-95-3	Nitrobenzene	ND	53.0	133	
78-59-1	Isophorone	ND	53.0	133	
88-75-5	2-Nitrophenol	ND	53.0	133	
105-67-9	2,4-Dimethylphenol	ND	53.0	133	
111-91-1	bis(2-chloroethoxy)methane	ND	53.0	133	
120-83-2	2,4-Dichlorophenol	ND	53.0	133	
120-82-1	1,2,4-Trichlorobenzene	ND	53.0	133	
91-20-3	Naphthalene	ND	53.0	133	
106-47-8	4-Chloroaniline	ND	53.0	133	
87-68-3	Hexachlorobutadiene	ND	53.0	133	
59-50-7	4-Chloro-3-methylphenol	ND	53.0	133	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 04
Lab Sample ID: 2100907-04
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	94.20	Prep Method:	EPA 3550B GCMS	File ID:	L00519.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 15:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
91-57-6	2-Methylnaphthylene	ND	53.0	133	
77-47-4	Hexachlorocyclopentadiene	ND	53.0	133	
88-06-2	2,4,6-Trichlorophenol	ND	53.0	133	
95-95-4	2,4,5-Trichlorophenol	ND	53.0	133	
91-58-7	2-Chloronaphthalene	ND	53.0	133	
88-74-4	2-Nitroaniline	ND	53.0	133	
131-11-3	Dimethylphthalate	ND	53.0	133	
208-96-8	Acenaphthylene	ND	53.0	133	
99-09-2	3-Nitroaniline	ND	53.0	133	
83-32-9	Acenaphthene	ND	53.0	133	
51-28-5	2,4-Dinitrophenol	ND	53.0	266	
100-02-7	4-Nitrophenol	ND	53.0	133	
132-64-9	Dibenzofuran	ND	53.0	133	
606-20-2	2,6-Dinitrotoluene	ND	53.0	133	
121-14-2	2,4-Dinitrotoluene	ND	53.0	133	
84-66-2	Diethyl phthalate	ND	53.0	133	
7005-72-3	4-Chlorophenyl-phenylether	ND	53.0	133	
86-73-7	Fluorene	ND	53.0	133	
100-01-6	4-Nitroaniline	ND	53.0	133	
534-52-1	4,6-Dinitro-2-methylphenol	ND	53.0	133	
86-30-6	N-Nitrosodiphenylamine	ND	53.0	133	
101-55-3	4-Bromophenyl-phenylether	ND	53.0	133	
118-74-1	Hexachlorobenzene	ND	53.0	133	
87-86-5	Pentachlorophenol	ND	53.0	133	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 04
Lab Sample ID: 2100907-04
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	94.20	Prep Method:	EPA 3550B GCMS	File ID:	L00519.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 15:34
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
85-01-8	Phenanthrene	ND	53.0	133	
120-12-7	Anthracene	ND	53.0	133	
84-74-2	Di-n-butyl phthalate	ND	53.0	133	
206-44-0	Fluoranthene	ND	53.0	133	
129-00-0	Pyrene	ND	53.0	133	
85-68-7	Butylbenzylphthalate	ND	53.0	133	
91-94-1	3,3'-Dichlorobenzidine	ND	132	133	
56-55-3	Benzo[a]anthracene	ND	53.0	133	
117-81-7	bis(2-ethylhexyl)phthalate	ND	53.0	133	
218-01-9	Chrysene	ND	53.0	133	
117-84-0	Di-n-octyl phthalate	ND	53.0	133	
205-99-2	Benzo[b]fluoranthene	ND	53.0	133	
207-08-9	Benzo[k]fluoranthene	ND	53.0	133	
50-32-8	Benzo[a]pyrene	ND	53.0	133	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	53.0	133	
53-70-3	Dibenzo(a,h)anthracene	ND	53.0	133	
191-24-2	Benzo[ghi]perylene	ND	53.0	133	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	64%	10-96
Phenol-d5	62%	11-100
Nitrobenzene-d5	61%	13-124
2-Fluorobiphenyl	51%	17-99
2,4,6-Tribromophenol	70%	16-110
Terphenyl-d14	60%	10-168

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: **OMEGA ENVIRONMENTAL SERVICES**
Client Sample ID: **05**
Lab Sample ID: **2100907-05**
Project: **21-1144**
Work Order: **2100907**

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	94.30	Prep Method:	EPA 3550B GCMS	File ID:	L00520.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 16:14
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	53.0	133	
108-95-2	Phenol	ND	53.0	133	
111-44-4	bis(2-chloroethyl)ether	ND	53.0	133	
95-57-8	2-Chlorophenol	ND	53.0	133	
541-73-1	1,3-Dichlorobenzene	ND	53.0	133	
106-46-7	1,4-Dichlorobenzene	ND	53.0	133	
100-51-6	Benzyl alcohol	ND	53.0	133	
95-50-1	1,2-Dichlorobenzene	ND	53.0	133	
95-48-7	2-Methylphenol	ND	53.0	133	
39638-32-9	bis(2-chloroisopropyl)ether	ND	53.0	133	
106-44-5	3 & 4-Methylphenol	ND	53.0	133	
621-64-7	N-Nitroso-di-n-propylamine	ND	53.0	133	
67-72-1	Hexachloroethane	ND	53.0	133	
98-95-3	Nitrobenzene	ND	53.0	133	
78-59-1	Isophorone	ND	53.0	133	
88-75-5	2-Nitrophenol	ND	53.0	133	
105-67-9	2,4-Dimethylphenol	ND	53.0	133	
111-91-1	bis(2-chloroethoxy)methane	ND	53.0	133	
120-83-2	2,4-Dichlorophenol	ND	53.0	133	
120-82-1	1,2,4-Trichlorobenzene	ND	53.0	133	
91-20-3	Naphthalene	ND	53.0	133	
106-47-8	4-Chloroaniline	ND	53.0	133	
87-68-3	Hexachlorobutadiene	ND	53.0	133	
59-50-7	4-Chloro-3-methylphenol	ND	53.0	133	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 05
Lab Sample ID: 2100907-05
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	94.30	Prep Method:	EPA 3550B GCMS	File ID:	L00520.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 16:14
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
91-57-6	2-Methylnaphthylene	ND	53.0	133	
77-47-4	Hexachlorocyclopentadiene	ND	53.0	133	
88-06-2	2,4,6-Trichlorophenol	ND	53.0	133	
95-95-4	2,4,5-Trichlorophenol	ND	53.0	133	
91-58-7	2-Chloronaphthalene	ND	53.0	133	
88-74-4	2-Nitroaniline	ND	53.0	133	
131-11-3	Dimethylphthalate	ND	53.0	133	
208-96-8	Acenaphthylene	ND	53.0	133	
99-09-2	3-Nitroaniline	ND	53.0	133	
83-32-9	Acenaphthene	ND	53.0	133	
51-28-5	2,4-Dinitrophenol	ND	53.0	266	
100-02-7	4-Nitrophenol	ND	53.0	133	
132-64-9	Dibenzofuran	ND	53.0	133	
606-20-2	2,6-Dinitrotoluene	ND	53.0	133	
121-14-2	2,4-Dinitrotoluene	ND	53.0	133	
84-66-2	Diethyl phthalate	ND	53.0	133	
7005-72-3	4-Chlorophenyl-phenylether	ND	53.0	133	
86-73-7	Fluorene	ND	53.0	133	
100-01-6	4-Nitroaniline	ND	53.0	133	
534-52-1	4,6-Dinitro-2-methylphenol	ND	53.0	133	
86-30-6	N-Nitrosodiphenylamine	ND	53.0	133	
101-55-3	4-Bromophenyl-phenylether	ND	53.0	133	
118-74-1	Hexachlorobenzene	ND	53.0	133	
87-86-5	Pentachlorophenol	ND	53.0	133	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 05
Lab Sample ID: 2100907-05
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	94.30	Prep Method:	EPA 3550B GCMS	File ID:	L00520.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 16:14
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
85-01-8	Phenanthrene	ND	53.0	133	
120-12-7	Anthracene	ND	53.0	133	
84-74-2	Di-n-butyl phthalate	ND	53.0	133	
206-44-0	Fluoranthene	ND	53.0	133	
129-00-0	Pyrene	ND	53.0	133	
85-68-7	Butylbenzylphthalate	ND	53.0	133	
91-94-1	3,3'-Dichlorobenzidine	ND	132	133	
56-55-3	Benzo[a]anthracene	ND	53.0	133	
117-81-7	bis(2-ethylhexyl)phthalate	ND	53.0	133	
218-01-9	Chrysene	ND	53.0	133	
117-84-0	Di-n-octyl phthalate	ND	53.0	133	
205-99-2	Benzo[b]fluoranthene	ND	53.0	133	
207-08-9	Benzo[k]fluoranthene	ND	53.0	133	
50-32-8	Benzo[a]pyrene	ND	53.0	133	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	53.0	133	
53-70-3	Dibenzo(a,h)anthracene	ND	53.0	133	
191-24-2	Benzo[ghi]perylene	ND	53.0	133	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	61%	10-96
Phenol-d5	59%	11-100
Nitrobenzene-d5	57%	13-124
2-Fluorobiphenyl	47%	17-99
2,4,6-Tribromophenol	65%	16-110
Terphenyl-d14	55%	10-168

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 06
Lab Sample ID: 2100907-06
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	L00521.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 16:54
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	56.8	142	
108-95-2	Phenol	ND	56.8	142	
111-44-4	bis(2-chloroethyl)ether	ND	56.8	142	
95-57-8	2-Chlorophenol	ND	56.8	142	
541-73-1	1,3-Dichlorobenzene	ND	56.8	142	
106-46-7	1,4-Dichlorobenzene	ND	56.8	142	
100-51-6	Benzyl alcohol	ND	56.8	142	
95-50-1	1,2-Dichlorobenzene	ND	56.8	142	
95-48-7	2-Methylphenol	ND	56.8	142	
39638-32-9	bis(2-chloroisopropyl)ether	ND	56.8	142	
106-44-5	3 & 4-Methylphenol	ND	56.8	142	
621-64-7	N-Nitroso-di-n-propylamine	ND	56.8	142	
67-72-1	Hexachloroethane	ND	56.8	142	
98-95-3	Nitrobenzene	ND	56.8	142	
78-59-1	Isophorone	ND	56.8	142	
88-75-5	2-Nitrophenol	ND	56.8	142	
105-67-9	2,4-Dimethylphenol	ND	56.8	142	
111-91-1	bis(2-chloroethoxy)methane	ND	56.8	142	
120-83-2	2,4-Dichlorophenol	ND	56.8	142	
120-82-1	1,2,4-Trichlorobenzene	ND	56.8	142	
91-20-3	Naphthalene	ND	56.8	142	
106-47-8	4-Chloroaniline	ND	56.8	142	
87-68-3	Hexachlorobutadiene	ND	56.8	142	
59-50-7	4-Chloro-3-methylphenol	ND	56.8	142	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 06
Lab Sample ID: 2100907-06
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	L00521.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 16:54
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
91-57-6	2-Methylnaphthylene	ND	56.8	142	
77-47-4	Hexachlorocyclopentadiene	ND	56.8	142	
88-06-2	2,4,6-Trichlorophenol	ND	56.8	142	
95-95-4	2,4,5-Trichlorophenol	ND	56.8	142	
91-58-7	2-Chloronaphthalene	ND	56.8	142	
88-74-4	2-Nitroaniline	ND	56.8	142	
131-11-3	Dimethylphthalate	ND	56.8	142	
208-96-8	Acenaphthylene	ND	56.8	142	
99-09-2	3-Nitroaniline	ND	56.8	142	
83-32-9	Acenaphthene	ND	56.8	142	
51-28-5	2,4-Dinitrophenol	ND	56.8	285	
100-02-7	4-Nitrophenol	ND	56.8	142	
132-64-9	Dibenzofuran	ND	56.8	142	
606-20-2	2,6-Dinitrotoluene	ND	56.8	142	
121-14-2	2,4-Dinitrotoluene	ND	56.8	142	
84-66-2	Diethyl phthalate	ND	56.8	142	
7005-72-3	4-Chlorophenyl-phenylether	ND	56.8	142	
86-73-7	Fluorene	ND	56.8	142	
100-01-6	4-Nitroaniline	ND	56.8	142	
534-52-1	4,6-Dinitro-2-methylphenol	ND	56.8	142	
86-30-6	N-Nitrosodiphenylamine	ND	56.8	142	
101-55-3	4-Bromophenyl-phenylether	ND	56.8	142	
118-74-1	Hexachlorobenzene	ND	56.8	142	
87-86-5	Pentachlorophenol	ND	56.8	142	

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8270E

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 06
Lab Sample ID: 2100907-06
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 05:20	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	L00521.D
Prep Batch:	B1F0901	Sequence:	S1F0908	Analyzed:	06/09/21 16:54
Dilution:	1			Analyst:	NAN

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
85-01-8	Phenanthrene	ND	56.8	142	
120-12-7	Anthracene	ND	56.8	142	
84-74-2	Di-n-butyl phthalate	ND	56.8	142	
206-44-0	Fluoranthene	ND	56.8	142	
129-00-0	Pyrene	ND	56.8	142	
85-68-7	Butylbenzylphthalate	187	56.8	142	
91-94-1	3,3'-Dichlorobenzidine	ND	141	142	
56-55-3	Benzo[a]anthracene	ND	56.8	142	
117-81-7	bis(2-ethylhexyl)phthalate	ND	56.8	142	
218-01-9	Chrysene	ND	56.8	142	
117-84-0	Di-n-octyl phthalate	ND	56.8	142	
205-99-2	Benzo[b]fluoranthene	ND	56.8	142	
207-08-9	Benzo[k]fluoranthene	ND	56.8	142	
50-32-8	Benzo[a]pyrene	ND	56.8	142	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	56.8	142	
53-70-3	Dibenzo(a,h)anthracene	ND	56.8	142	
191-24-2	Benzo[ghi]perylene	ND	56.8	142	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	50%	10-96
Phenol-d5	49%	11-100
Nitrobenzene-d5	48%	13-124
2-Fluorobiphenyl	40%	17-99
2,4,6-Tribromophenol	65%	16-110
Terphenyl-d14	56%	10-168

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

VOLATILES SAMPLE DATA

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 01
Lab Sample ID: 2100907-01
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 13:42	Matrix:	Soil
Percent Solids:	93.10	Prep Method:	EPA 5035A	File ID:	A28860.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 13:42
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.44	10.7	VC
107-13-1	Acrylonitrile	ND	2.15	10.7	VC
67-64-1	Acetone	ND	1.07	2.15	VC
75-71-8	Dichlorodifluoromethane	ND	1.07	2.15	VC
74-87-3	Chloromethane	ND	1.07	2.15	VC
75-01-4	Vinyl chloride	ND	1.07	2.15	VC
74-83-9	Bromomethane	ND	1.07	2.15	VC
75-00-3	Chloroethane	ND	1.07	2.15	VC
75-69-4	Trichlorofluoromethane	ND	1.07	2.15	VC
75-35-4	1,1-Dichloroethene	ND	1.07	2.15	VC
75-15-0	Carbon disulfide	ND	1.07	2.15	VC
75-09-2	Methylene Chloride	ND	1.07	2.15	VC
156-60-5	trans-1,2-Dichloroethene	ND	1.07	2.15	VC
75-34-3	1,1-Dichloroethane	ND	1.07	2.15	VC
108-05-4	Vinyl acetate	ND	1.07	2.15	VC
590-20-7	2,2-Dichloropropane	ND	1.07	2.15	VC
78-93-3	2-Butanone	ND	1.07	2.15	VC
156-59-4	cis-1,2-Dichloroethene	ND	1.07	2.15	VC
67-66-3	Chloroform	ND	1.07	2.15	VC
74-97-5	Bromochloromethane	ND	1.07	2.15	VC
71-55-6	1,1,1-Trichloroethane	ND	1.07	2.15	VC
563-58-6	1,1-Dichloropropene	ND	1.07	2.15	VC
56-23-5	Carbon Tetrachloride	ND	1.07	2.15	VC
107-06-2	1,2-Dichloroethane	ND	1.07	2.15	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 01
Lab Sample ID: 2100907-01
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 13:42	Matrix:	Soil
Percent Solids:	93.10	Prep Method:	EPA 5035A	File ID:	A28860.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 13:42
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
71-43-2	Benzene	ND	1.07	2.15	VC
79-01-6	Trichloroethene	1.95	1.07	2.15	J, VC
78-87-5	1,2-Dichloropropane	ND	1.07	2.15	VC
123-91-1	1,4-Dioxane	ND	39.7	85.9	VC
75-27-4	Bromodichloromethane	ND	1.07	2.15	VC
74-95-3	Dibromomethane	ND	1.07	2.15	VC
110-75-8	2-Chloroethyl vinyl ether	ND	1.07	2.15	VC
10061-01-5	cis-1,3-Dichloropropene	ND	1.07	2.15	VC
108-88-3	Toluene	ND	1.07	2.15	VC
10061-02-6	trans-1,3-Dichloropropene	ND	1.07	2.15	VC
79-00-5	1,1,2-Trichloroethane	ND	1.07	2.15	VC
108-10-1	4-Methyl-2-pentanone	ND	1.07	2.15	VC
106-93-4	1,2-Dibromoethane	ND	1.07	2.15	VC
591-78-6	2-Hexanone	ND	1.07	2.15	VC
142-28-9	1,3-Dichloropropane	ND	1.07	2.15	VC
127-18-4	Tetrachloroethene	63.7	1.07	2.15	VC
124-48-1	Dibromochloromethane	ND	1.07	2.15	VC
100-41-4	Ethylbenzene	ND	1.07	2.15	VC
108-90-7	Chlorobenzene	ND	1.07	2.15	VC
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.07	2.15	VC
108-38-3/106-42	m,p-Xylenes	ND	2.15	4.30	VC
95-47-6	o-Xylene	ND	2.15	4.30	VC
100-42-5	Styrene	ND	1.07	4.30	VC
75-25-2	Bromoform	ND	1.07	2.15	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 01
Lab Sample ID: 2100907-01
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 13:42	Matrix:	Soil
Percent Solids:	93.10	Prep Method:	EPA 5035A	File ID:	A28860.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 13:42
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
98-82-8	Isopropylbenzene	ND	1.07	2.15	VC
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.07	2.15	VC
96-18-4	1,2,3-Trichloropropane	ND	1.07	2.15	VC
103-65-1	n-Propyl Benzene	ND	1.07	2.15	VC
108-86-1	Bromobenzene	ND	1.07	2.15	VC
108-67-8	1,3,5-Trimethylbenzene	ND	1.07	2.15	VC
95-49-8	2-Chlorotoluene	ND	1.07	2.15	VC
106-43-4	4-Chlorotoluene	ND	1.07	2.15	VC
98-06-6	tert-Butylbenzene	ND	1.07	2.15	VC
95-63-6	1,2,4-Trimethylbenzene	ND	1.07	2.15	VC
135-98-8	sec-Butylbenzene	ND	1.07	2.15	VC
99-87-6	p-Isopropyltoluene	ND	1.07	2.15	VC
541-73-1	1,3-Dichlorobenzene	ND	1.07	2.15	VC
106-46-7	1,4-Dichlorobenzene	ND	1.07	2.15	VC
104-51-8	n-Butyl Benzene	ND	1.07	2.15	VC
95-50-1	1,2-Dichlorobenzene	ND	1.07	2.15	VC
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.07	2.15	VC
120-82-1	1,2,4-Trichlorobenzene	ND	1.07	2.15	VC
87-68-3	Hexachlorobutadiene	ND	1.07	2.15	VC
87-61-6	1,2,3-Trichlorobenzene	ND	1.07	2.15	VC

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	95%	85-149
Toluene-d8	95%	76-124
Bromofluorobenzene	79%	35-139

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 02
Lab Sample ID: 2100907-02
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 14:11	Matrix:	Soil
Percent Solids:	92.60	Prep Method:	EPA 5035A	File ID:	A28861.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 14:11
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.48	10.8	VC
107-13-1	Acrylonitrile	ND	2.16	10.8	VC
67-64-1	Acetone	ND	1.08	2.16	VC
75-71-8	Dichlorodifluoromethane	ND	1.08	2.16	VC
74-87-3	Chloromethane	ND	1.08	2.16	VC
75-01-4	Vinyl chloride	ND	1.08	2.16	VC
74-83-9	Bromomethane	ND	1.08	2.16	VC
75-00-3	Chloroethane	ND	1.08	2.16	VC
75-69-4	Trichlorofluoromethane	ND	1.08	2.16	VC
75-35-4	1,1-Dichloroethene	ND	1.08	2.16	VC
75-15-0	Carbon disulfide	ND	1.08	2.16	VC
75-09-2	Methylene Chloride	ND	1.08	2.16	VC
156-60-5	trans-1,2-Dichloroethene	ND	1.08	2.16	VC
75-34-3	1,1-Dichloroethane	ND	1.08	2.16	VC
108-05-4	Vinyl acetate	ND	1.08	2.16	VC
590-20-7	2,2-Dichloropropane	ND	1.08	2.16	VC
78-93-3	2-Butanone	ND	1.08	2.16	VC
156-59-4	cis-1,2-Dichloroethene	1.19	1.08	2.16	J, VC
67-66-3	Chloroform	ND	1.08	2.16	VC
74-97-5	Bromochloromethane	ND	1.08	2.16	VC
71-55-6	1,1,1-Trichloroethane	ND	1.08	2.16	VC
563-58-6	1,1-Dichloropropene	ND	1.08	2.16	VC
56-23-5	Carbon Tetrachloride	ND	1.08	2.16	VC
107-06-2	1,2-Dichloroethane	ND	1.08	2.16	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 02
Lab Sample ID: 2100907-02
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 14:11	Matrix:	Soil
Percent Solids:	92.60	Prep Method:	EPA 5035A	File ID:	A28861.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 14:11
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
71-43-2	Benzene	ND	1.08	2.16	VC
79-01-6	Trichloroethene	ND	1.08	2.16	VC
78-87-5	1,2-Dichloropropane	ND	1.08	2.16	VC
123-91-1	1,4-Dioxane	ND	40.0	86.4	VC
75-27-4	Bromodichloromethane	ND	1.08	2.16	VC
74-95-3	Dibromomethane	ND	1.08	2.16	VC
110-75-8	2-Chloroethyl vinyl ether	ND	1.08	2.16	VC
10061-01-5	cis-1,3-Dichloropropene	ND	1.08	2.16	VC
108-88-3	Toluene	ND	1.08	2.16	VC
10061-02-6	trans-1,3-Dichloropropene	ND	1.08	2.16	VC
79-00-5	1,1,2-Trichloroethane	ND	1.08	2.16	VC
108-10-1	4-Methyl-2-pentanone	ND	1.08	2.16	VC
106-93-4	1,2-Dibromoethane	ND	1.08	2.16	VC
591-78-6	2-Hexanone	ND	1.08	2.16	VC
142-28-9	1,3-Dichloropropane	ND	1.08	2.16	VC
127-18-4	Tetrachloroethene	20.8	1.08	2.16	VC
124-48-1	Dibromochloromethane	ND	1.08	2.16	VC
100-41-4	Ethylbenzene	ND	1.08	2.16	VC
108-90-7	Chlorobenzene	ND	1.08	2.16	VC
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.08	2.16	VC
108-38-3/106-42	m,p-Xylenes	ND	2.16	4.32	VC
95-47-6	o-Xylene	ND	2.16	4.32	VC
100-42-5	Styrene	ND	1.08	4.32	VC
75-25-2	Bromoform	ND	1.08	2.16	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 02
Lab Sample ID: 2100907-02
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 14:11	Matrix:	Soil
Percent Solids:	92.60	Prep Method:	EPA 5035A	File ID:	A28861.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 14:11
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
98-82-8	Isopropylbenzene	ND	1.08	2.16	VC
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.08	2.16	VC
96-18-4	1,2,3-Trichloropropane	ND	1.08	2.16	VC
103-65-1	n-Propyl Benzene	ND	1.08	2.16	VC
108-86-1	Bromobenzene	ND	1.08	2.16	VC
108-67-8	1,3,5-Trimethylbenzene	ND	1.08	2.16	VC
95-49-8	2-Chlorotoluene	ND	1.08	2.16	VC
106-43-4	4-Chlorotoluene	ND	1.08	2.16	VC
98-06-6	tert-Butylbenzene	ND	1.08	2.16	VC
95-63-6	1,2,4-Trimethylbenzene	ND	1.08	2.16	VC
135-98-8	sec-Butylbenzene	ND	1.08	2.16	VC
99-87-6	p-Isopropyltoluene	ND	1.08	2.16	VC
541-73-1	1,3-Dichlorobenzene	ND	1.08	2.16	VC
106-46-7	1,4-Dichlorobenzene	ND	1.08	2.16	VC
104-51-8	n-Butyl Benzene	ND	1.08	2.16	VC
95-50-1	1,2-Dichlorobenzene	ND	1.08	2.16	VC
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.08	2.16	VC
120-82-1	1,2,4-Trichlorobenzene	ND	1.08	2.16	VC
87-68-3	Hexachlorobutadiene	ND	1.08	2.16	VC
87-61-6	1,2,3-Trichlorobenzene	ND	1.08	2.16	VC

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	95%	85-149
Toluene-d8	100%	76-124
Bromofluorobenzene	87%	35-139

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 03
Lab Sample ID: 2100907-03
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 14:39	Matrix:	Soil
Percent Solids:	96.70	Prep Method:	EPA 5035A	File ID:	A28862.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 14:39
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.20	10.3	VC
107-13-1	Acrylonitrile	ND	2.07	10.3	VC
67-64-1	Acetone	ND	1.03	2.07	VC
75-71-8	Dichlorodifluoromethane	ND	1.03	2.07	VC
74-87-3	Chloromethane	ND	1.03	2.07	VC
75-01-4	Vinyl chloride	ND	1.03	2.07	VC
74-83-9	Bromomethane	ND	1.03	2.07	VC
75-00-3	Chloroethane	ND	1.03	2.07	VC
75-69-4	Trichlorofluoromethane	ND	1.03	2.07	VC
75-35-4	1,1-Dichloroethene	ND	1.03	2.07	VC
75-15-0	Carbon disulfide	ND	1.03	2.07	VC
75-09-2	Methylene Chloride	ND	1.03	2.07	VC
156-60-5	trans-1,2-Dichloroethene	ND	1.03	2.07	VC
75-34-3	1,1-Dichloroethane	ND	1.03	2.07	VC
108-05-4	Vinyl acetate	ND	1.03	2.07	VC
590-20-7	2,2-Dichloropropane	ND	1.03	2.07	VC
78-93-3	2-Butanone	ND	1.03	2.07	VC
156-59-4	cis-1,2-Dichloroethene	ND	1.03	2.07	VC
67-66-3	Chloroform	ND	1.03	2.07	VC
74-97-5	Bromochloromethane	ND	1.03	2.07	VC
71-55-6	1,1,1-Trichloroethane	ND	1.03	2.07	VC
563-58-6	1,1-Dichloropropene	ND	1.03	2.07	VC
56-23-5	Carbon Tetrachloride	ND	1.03	2.07	VC
107-06-2	1,2-Dichloroethane	ND	1.03	2.07	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 03
Lab Sample ID: 2100907-03
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 14:39	Matrix:	Soil
Percent Solids:	96.70	Prep Method:	EPA 5035A	File ID:	A28862.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 14:39
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
71-43-2	Benzene	ND	1.03	2.07	VC
79-01-6	Trichloroethene	ND	1.03	2.07	VC
78-87-5	1,2-Dichloropropane	ND	1.03	2.07	VC
123-91-1	1,4-Dioxane	ND	38.3	82.7	VC
75-27-4	Bromodichloromethane	ND	1.03	2.07	VC
74-95-3	Dibromomethane	ND	1.03	2.07	VC
110-75-8	2-Chloroethyl vinyl ether	ND	1.03	2.07	VC
10061-01-5	cis-1,3-Dichloropropene	ND	1.03	2.07	VC
108-88-3	Toluene	ND	1.03	2.07	VC
10061-02-6	trans-1,3-Dichloropropene	ND	1.03	2.07	VC
79-00-5	1,1,2-Trichloroethane	ND	1.03	2.07	VC
108-10-1	4-Methyl-2-pentanone	ND	1.03	2.07	VC
106-93-4	1,2-Dibromoethane	ND	1.03	2.07	VC
591-78-6	2-Hexanone	ND	1.03	2.07	VC
142-28-9	1,3-Dichloropropane	ND	1.03	2.07	VC
127-18-4	Tetrachloroethene	ND	1.03	2.07	VC
124-48-1	Dibromochloromethane	ND	1.03	2.07	VC
100-41-4	Ethylbenzene	ND	1.03	2.07	VC
108-90-7	Chlorobenzene	ND	1.03	2.07	VC
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.03	2.07	VC
108-38-3/106-42	m,p-Xylenes	ND	2.07	4.14	VC
95-47-6	o-Xylene	ND	2.07	4.14	VC
100-42-5	Styrene	ND	1.03	4.14	VC
75-25-2	Bromoform	ND	1.03	2.07	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 03
Lab Sample ID: 2100907-03
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 14:39	Matrix:	Soil
Percent Solids:	96.70	Prep Method:	EPA 5035A	File ID:	A28862.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 14:39
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
98-82-8	Isopropylbenzene	ND	1.03	2.07	VC
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.03	2.07	VC
96-18-4	1,2,3-Trichloropropane	ND	1.03	2.07	VC
103-65-1	n-Propyl Benzene	ND	1.03	2.07	VC
108-86-1	Bromobenzene	ND	1.03	2.07	VC
108-67-8	1,3,5-Trimethylbenzene	ND	1.03	2.07	VC
95-49-8	2-Chlorotoluene	ND	1.03	2.07	VC
106-43-4	4-Chlorotoluene	ND	1.03	2.07	VC
98-06-6	tert-Butylbenzene	ND	1.03	2.07	VC
95-63-6	1,2,4-Trimethylbenzene	ND	1.03	2.07	VC
135-98-8	sec-Butylbenzene	ND	1.03	2.07	VC
99-87-6	p-Isopropyltoluene	ND	1.03	2.07	VC
541-73-1	1,3-Dichlorobenzene	ND	1.03	2.07	VC
106-46-7	1,4-Dichlorobenzene	ND	1.03	2.07	VC
104-51-8	n-Butyl Benzene	ND	1.03	2.07	VC
95-50-1	1,2-Dichlorobenzene	ND	1.03	2.07	VC
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.03	2.07	VC
120-82-1	1,2,4-Trichlorobenzene	ND	1.03	2.07	VC
87-68-3	Hexachlorobutadiene	ND	1.03	2.07	VC
87-61-6	1,2,3-Trichlorobenzene	ND	1.03	2.07	VC

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	94%	85-149
Toluene-d8	103%	76-124
Bromofluorobenzene	100%	35-139

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 04
Lab Sample ID: 2100907-04
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 15:07	Matrix:	Soil
Percent Solids:	94.20	Prep Method:	EPA 5035A	File ID:	A28863.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 15:07
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.37	10.6	VC
107-13-1	Acrylonitrile	ND	2.12	10.6	VC
67-64-1	Acetone	ND	1.06	2.12	VC
75-71-8	Dichlorodifluoromethane	ND	1.06	2.12	VC
74-87-3	Chloromethane	ND	1.06	2.12	VC
75-01-4	Vinyl chloride	ND	1.06	2.12	VC
74-83-9	Bromomethane	ND	1.06	2.12	VC
75-00-3	Chloroethane	ND	1.06	2.12	VC
75-69-4	Trichlorofluoromethane	ND	1.06	2.12	VC
75-35-4	1,1-Dichloroethene	ND	1.06	2.12	VC
75-15-0	Carbon disulfide	ND	1.06	2.12	VC
75-09-2	Methylene Chloride	ND	1.06	2.12	VC
156-60-5	trans-1,2-Dichloroethene	ND	1.06	2.12	VC
75-34-3	1,1-Dichloroethane	ND	1.06	2.12	VC
108-05-4	Vinyl acetate	ND	1.06	2.12	VC
590-20-7	2,2-Dichloropropane	ND	1.06	2.12	VC
78-93-3	2-Butanone	ND	1.06	2.12	VC
156-59-4	cis-1,2-Dichloroethene	ND	1.06	2.12	VC
67-66-3	Chloroform	ND	1.06	2.12	VC
74-97-5	Bromochloromethane	ND	1.06	2.12	VC
71-55-6	1,1,1-Trichloroethane	ND	1.06	2.12	VC
563-58-6	1,1-Dichloropropene	ND	1.06	2.12	VC
56-23-5	Carbon Tetrachloride	ND	1.06	2.12	VC
107-06-2	1,2-Dichloroethane	ND	1.06	2.12	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 04
Lab Sample ID: 2100907-04
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 15:07	Matrix:	Soil
Percent Solids:	94.20	Prep Method:	EPA 5035A	File ID:	A28863.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 15:07
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
71-43-2	Benzene	ND	1.06	2.12	VC
79-01-6	Trichloroethene	ND	1.06	2.12	VC
78-87-5	1,2-Dichloropropane	ND	1.06	2.12	VC
123-91-1	1,4-Dioxane	ND	39.3	84.9	VC
75-27-4	Bromodichloromethane	ND	1.06	2.12	VC
74-95-3	Dibromomethane	ND	1.06	2.12	VC
110-75-8	2-Chloroethyl vinyl ether	ND	1.06	2.12	VC
10061-01-5	cis-1,3-Dichloropropene	ND	1.06	2.12	VC
108-88-3	Toluene	ND	1.06	2.12	VC
10061-02-6	trans-1,3-Dichloropropene	ND	1.06	2.12	VC
79-00-5	1,1,2-Trichloroethane	ND	1.06	2.12	VC
108-10-1	4-Methyl-2-pentanone	ND	1.06	2.12	VC
106-93-4	1,2-Dibromoethane	ND	1.06	2.12	VC
591-78-6	2-Hexanone	ND	1.06	2.12	VC
142-28-9	1,3-Dichloropropane	ND	1.06	2.12	VC
127-18-4	Tetrachloroethene	ND	1.06	2.12	VC
124-48-1	Dibromochloromethane	ND	1.06	2.12	VC
100-41-4	Ethylbenzene	ND	1.06	2.12	VC
108-90-7	Chlorobenzene	ND	1.06	2.12	VC
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.06	2.12	VC
108-38-3/106-42	m,p-Xylenes	ND	2.12	4.25	VC
95-47-6	o-Xylene	ND	2.12	4.25	VC
100-42-5	Styrene	ND	1.06	4.25	VC
75-25-2	Bromoform	ND	1.06	2.12	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 04
Lab Sample ID: 2100907-04
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 15:07	Matrix:	Soil
Percent Solids:	94.20	Prep Method:	EPA 5035A	File ID:	A28863.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 15:07
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
98-82-8	Isopropylbenzene	ND	1.06	2.12	VC
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.06	2.12	VC
96-18-4	1,2,3-Trichloropropane	ND	1.06	2.12	VC
103-65-1	n-Propyl Benzene	ND	1.06	2.12	VC
108-86-1	Bromobenzene	ND	1.06	2.12	VC
108-67-8	1,3,5-Trimethylbenzene	ND	1.06	2.12	VC
95-49-8	2-Chlorotoluene	ND	1.06	2.12	VC
106-43-4	4-Chlorotoluene	ND	1.06	2.12	VC
98-06-6	tert-Butylbenzene	ND	1.06	2.12	VC
95-63-6	1,2,4-Trimethylbenzene	ND	1.06	2.12	VC
135-98-8	sec-Butylbenzene	ND	1.06	2.12	VC
99-87-6	p-Isopropyltoluene	ND	1.06	2.12	VC
541-73-1	1,3-Dichlorobenzene	ND	1.06	2.12	VC
106-46-7	1,4-Dichlorobenzene	ND	1.06	2.12	VC
104-51-8	n-Butyl Benzene	ND	1.06	2.12	VC
95-50-1	1,2-Dichlorobenzene	ND	1.06	2.12	VC
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.06	2.12	VC
120-82-1	1,2,4-Trichlorobenzene	ND	1.06	2.12	VC
87-68-3	Hexachlorobutadiene	ND	1.06	2.12	VC
87-61-6	1,2,3-Trichlorobenzene	ND	1.06	2.12	VC

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	94%	85-149
Toluene-d8	101%	76-124
Bromofluorobenzene	99%	35-139

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 05
Lab Sample ID: 2100907-05
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 15:36	Matrix:	Soil
Percent Solids:	94.30	Prep Method:	EPA 5035A	File ID:	A28864.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 15:36
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.36	10.6	VC
107-13-1	Acrylonitrile	ND	2.12	10.6	VC
67-64-1	Acetone	ND	1.06	2.12	VC
75-71-8	Dichlorodifluoromethane	ND	1.06	2.12	VC
74-87-3	Chloromethane	ND	1.06	2.12	VC
75-01-4	Vinyl chloride	ND	1.06	2.12	VC
74-83-9	Bromomethane	ND	1.06	2.12	VC
75-00-3	Chloroethane	ND	1.06	2.12	VC
75-69-4	Trichlorofluoromethane	ND	1.06	2.12	VC
75-35-4	1,1-Dichloroethene	ND	1.06	2.12	VC
75-15-0	Carbon disulfide	ND	1.06	2.12	VC
75-09-2	Methylene Chloride	ND	1.06	2.12	VC
156-60-5	trans-1,2-Dichloroethene	ND	1.06	2.12	VC
75-34-3	1,1-Dichloroethane	ND	1.06	2.12	VC
108-05-4	Vinyl acetate	ND	1.06	2.12	VC
590-20-7	2,2-Dichloropropane	ND	1.06	2.12	VC
78-93-3	2-Butanone	ND	1.06	2.12	VC
156-59-4	cis-1,2-Dichloroethene	ND	1.06	2.12	VC
67-66-3	Chloroform	ND	1.06	2.12	VC
74-97-5	Bromochloromethane	ND	1.06	2.12	VC
71-55-6	1,1,1-Trichloroethane	ND	1.06	2.12	VC
563-58-6	1,1-Dichloropropene	ND	1.06	2.12	VC
56-23-5	Carbon Tetrachloride	ND	1.06	2.12	VC
107-06-2	1,2-Dichloroethane	ND	1.06	2.12	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 05
Lab Sample ID: 2100907-05
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 15:36	Matrix:	Soil
Percent Solids:	94.30	Prep Method:	EPA 5035A	File ID:	A28864.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 15:36
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
71-43-2	Benzene	ND	1.06	2.12	VC
79-01-6	Trichloroethene	ND	1.06	2.12	VC
78-87-5	1,2-Dichloropropane	ND	1.06	2.12	VC
123-91-1	1,4-Dioxane	ND	39.2	84.8	VC
75-27-4	Bromodichloromethane	ND	1.06	2.12	VC
74-95-3	Dibromomethane	ND	1.06	2.12	VC
110-75-8	2-Chloroethyl vinyl ether	ND	1.06	2.12	VC
10061-01-5	cis-1,3-Dichloropropene	ND	1.06	2.12	VC
108-88-3	Toluene	ND	1.06	2.12	VC
10061-02-6	trans-1,3-Dichloropropene	ND	1.06	2.12	VC
79-00-5	1,1,2-Trichloroethane	ND	1.06	2.12	VC
108-10-1	4-Methyl-2-pentanone	ND	1.06	2.12	VC
106-93-4	1,2-Dibromoethane	ND	1.06	2.12	VC
591-78-6	2-Hexanone	ND	1.06	2.12	VC
142-28-9	1,3-Dichloropropane	ND	1.06	2.12	VC
127-18-4	Tetrachloroethene	ND	1.06	2.12	VC
124-48-1	Dibromochloromethane	ND	1.06	2.12	VC
100-41-4	Ethylbenzene	ND	1.06	2.12	VC
108-90-7	Chlorobenzene	ND	1.06	2.12	VC
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.06	2.12	VC
108-38-3/106-42	m,p-Xylenes	ND	2.12	4.24	VC
95-47-6	o-Xylene	ND	2.12	4.24	VC
100-42-5	Styrene	ND	1.06	4.24	VC
75-25-2	Bromoform	ND	1.06	2.12	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 05
Lab Sample ID: 2100907-05
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 15:36	Matrix:	Soil
Percent Solids:	94.30	Prep Method:	EPA 5035A	File ID:	A28864.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 15:36
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
98-82-8	Isopropylbenzene	ND	1.06	2.12	VC
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.06	2.12	VC
96-18-4	1,2,3-Trichloropropane	ND	1.06	2.12	VC
103-65-1	n-Propyl Benzene	ND	1.06	2.12	VC
108-86-1	Bromobenzene	ND	1.06	2.12	VC
108-67-8	1,3,5-Trimethylbenzene	ND	1.06	2.12	VC
95-49-8	2-Chlorotoluene	ND	1.06	2.12	VC
106-43-4	4-Chlorotoluene	ND	1.06	2.12	VC
98-06-6	tert-Butylbenzene	ND	1.06	2.12	VC
95-63-6	1,2,4-Trimethylbenzene	ND	1.06	2.12	VC
135-98-8	sec-Butylbenzene	ND	1.06	2.12	VC
99-87-6	p-Isopropyltoluene	ND	1.06	2.12	VC
541-73-1	1,3-Dichlorobenzene	ND	1.06	2.12	VC
106-46-7	1,4-Dichlorobenzene	ND	1.06	2.12	VC
104-51-8	n-Butyl Benzene	ND	1.06	2.12	VC
95-50-1	1,2-Dichlorobenzene	ND	1.06	2.12	VC
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.06	2.12	VC
120-82-1	1,2,4-Trichlorobenzene	ND	1.06	2.12	VC
87-68-3	Hexachlorobutadiene	ND	1.06	2.12	VC
87-61-6	1,2,3-Trichlorobenzene	ND	1.06	2.12	VC

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	89%	85-149
Toluene-d8	101%	76-124
Bromofluorobenzene	99%	35-139

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 06
Lab Sample ID: 2100907-06
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 16:04	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	A28865.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 16:04
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.82	11.4	VC
107-13-1	Acrylonitrile	ND	2.27	11.4	VC
67-64-1	Acetone	ND	1.14	2.27	VC
75-71-8	Dichlorodifluoromethane	ND	1.14	2.27	VC
74-87-3	Chloromethane	ND	1.14	2.27	VC
75-01-4	Vinyl chloride	ND	1.14	2.27	VC
74-83-9	Bromomethane	ND	1.14	2.27	VC
75-00-3	Chloroethane	ND	1.14	2.27	VC
75-69-4	Trichlorofluoromethane	ND	1.14	2.27	VC
75-35-4	1,1-Dichloroethene	ND	1.14	2.27	VC
75-15-0	Carbon disulfide	ND	1.14	2.27	VC
75-09-2	Methylene Chloride	ND	1.14	2.27	VC
156-60-5	trans-1,2-Dichloroethene	ND	1.14	2.27	VC
75-34-3	1,1-Dichloroethane	ND	1.14	2.27	VC
108-05-4	Vinyl acetate	ND	1.14	2.27	VC
590-20-7	2,2-Dichloropropane	ND	1.14	2.27	VC
78-93-3	2-Butanone	ND	1.14	2.27	VC
156-59-4	cis-1,2-Dichloroethene	ND	1.14	2.27	VC
67-66-3	Chloroform	ND	1.14	2.27	VC
74-97-5	Bromochloromethane	ND	1.14	2.27	VC
71-55-6	1,1,1-Trichloroethane	ND	1.14	2.27	VC
563-58-6	1,1-Dichloropropene	ND	1.14	2.27	VC
56-23-5	Carbon Tetrachloride	ND	1.14	2.27	VC
107-06-2	1,2-Dichloroethane	ND	1.14	2.27	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 06
Lab Sample ID: 2100907-06
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 16:04	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	A28865.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 16:04
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
71-43-2	Benzene	ND	1.14	2.27	VC
79-01-6	Trichloroethene	1.67	1.14	2.27	J, VC
78-87-5	1,2-Dichloropropane	ND	1.14	2.27	VC
123-91-1	1,4-Dioxane	ND	42.0	90.9	VC
75-27-4	Bromodichloromethane	ND	1.14	2.27	VC
74-95-3	Dibromomethane	ND	1.14	2.27	VC
110-75-8	2-Chloroethyl vinyl ether	ND	1.14	2.27	VC
10061-01-5	cis-1,3-Dichloropropene	ND	1.14	2.27	VC
108-88-3	Toluene	ND	1.14	2.27	VC
10061-02-6	trans-1,3-Dichloropropene	ND	1.14	2.27	VC
79-00-5	1,1,2-Trichloroethane	ND	1.14	2.27	VC
108-10-1	4-Methyl-2-pentanone	ND	1.14	2.27	VC
106-93-4	1,2-Dibromoethane	ND	1.14	2.27	VC
591-78-6	2-Hexanone	ND	1.14	2.27	VC
142-28-9	1,3-Dichloropropane	ND	1.14	2.27	VC
127-18-4	Tetrachloroethene	30.5	1.14	2.27	VC
124-48-1	Dibromochloromethane	ND	1.14	2.27	VC
100-41-4	Ethylbenzene	ND	1.14	2.27	VC
108-90-7	Chlorobenzene	ND	1.14	2.27	VC
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.14	2.27	VC
108-38-3/106-42	m,p-Xylenes	ND	2.27	4.55	VC
95-47-6	o-Xylene	ND	2.27	4.55	VC
100-42-5	Styrene	ND	1.14	4.55	VC
75-25-2	Bromoform	ND	1.14	2.27	VC

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

EPA 8260D

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 06
Lab Sample ID: 2100907-06
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Prep Date:	06/09/21 16:04	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	A28865.D
Prep Batch:	B1F0908	Sequence:	S1F0909	Analyzed:	06/09/21 16:04
Dilution:	1			Analyst:	WJM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
98-82-8	Isopropylbenzene	ND	1.14	2.27	VC
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.14	2.27	VC
96-18-4	1,2,3-Trichloropropane	ND	1.14	2.27	VC
103-65-1	n-Propyl Benzene	ND	1.14	2.27	VC
108-86-1	Bromobenzene	ND	1.14	2.27	VC
108-67-8	1,3,5-Trimethylbenzene	ND	1.14	2.27	VC
95-49-8	2-Chlorotoluene	ND	1.14	2.27	VC
106-43-4	4-Chlorotoluene	ND	1.14	2.27	VC
98-06-6	tert-Butylbenzene	ND	1.14	2.27	VC
95-63-6	1,2,4-Trimethylbenzene	ND	1.14	2.27	VC
135-98-8	sec-Butylbenzene	ND	1.14	2.27	VC
99-87-6	p-Isopropyltoluene	ND	1.14	2.27	VC
541-73-1	1,3-Dichlorobenzene	ND	1.14	2.27	VC
106-46-7	1,4-Dichlorobenzene	ND	1.14	2.27	VC
104-51-8	n-Butyl Benzene	ND	1.14	2.27	VC
95-50-1	1,2-Dichlorobenzene	ND	1.14	2.27	VC
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.14	2.27	VC
120-82-1	1,2,4-Trichlorobenzene	ND	1.14	2.27	VC
87-68-3	Hexachlorobutadiene	ND	1.14	2.27	VC
87-61-6	1,2,3-Trichlorobenzene	ND	1.14	2.27	VC

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	94%	85-149
Toluene-d8	99%	76-124
Bromofluorobenzene	87%	35-139

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected at or above the MDL
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.
20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

WET CHEMISTRY

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

Inorganics

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 01
Lab Sample ID: 2100907-01
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Matrix:	Soil
Percent Solids:	93.10	File ID:	

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	93.1	0.100	0.100	1		06/09/21 09:44	Percent Solids	06/10/21 10:41 NIN	SM 2540 G

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

Inorganics

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 02
Lab Sample ID: 2100907-02
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Matrix:	Soil
Percent Solids:	92.60	File ID:	

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	92.6	0.100	0.100	1		06/09/21 09:44	Percent Solids	06/10/21 10:41 NIN	SM 2540 G

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

Inorganics

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 03
Lab Sample ID: 2100907-03
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Matrix:	Soil
Percent Solids:	96.70	File ID:	

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	96.7	0.100	0.100	1		06/09/21 09:44	Percent Solids	06/10/21 10:41 NIN	SM 2540 G

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

Inorganics

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 04
Lab Sample ID: 2100907-04
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Matrix:	Soil
Percent Solids:	94.20	File ID:	

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	94.2	0.100	0.100	1		06/09/21 09:44	Percent Solids	06/10/21 10:41 NIN	SM 2540 G

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

Inorganics

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 05
Lab Sample ID: 2100907-05
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Matrix:	Soil
Percent Solids:	94.30	File ID:	

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	94.3	0.100	0.100	1		06/09/21 09:44	Percent Solids	06/10/21 10:41 NIN	SM 2540 G

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids

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

Accredited Analytical Resources, LLC.

20 Pershing Ave
Carteret, New Jersey 07008
Phone: 732-969-6112
Fax: 732-541-1383
WWW.Accreditedanalytical.com

ANALYSIS DATA SHEET

Inorganics

Client: OMEGA ENVIRONMENTAL SERVICES
Client Sample ID: 06
Lab Sample ID: 2100907-06
Project: 21-1144
Work Order: 2100907

Date Sampled:	06/08/21 00:00	Matrix:	Soil
Percent Solids:	88.00	File ID:	

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.0	0.100	0.100	1		06/09/21 09:44	Percent Solids	06/10/21 10:41 NIN	SM 2540 G

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
NFL - No Free Liquids
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