



Mid-Atlantic

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Analytical Report

Project Name: CRA - 618 Chestnut

MAEL Job Number: 59641

Client: The Ambient Group
222 Thies Rd
Sewell, NJ 08080

Contact Name: Julian Heal

Date Received: 10/5/2023

Date Reported: 10/12/2023

Analytical test results for methods listed on the laboratory's scope of accreditation meet all requirements of NELAC unless otherwise noted. All sample holding times and preservation requirements were met unless otherwise noted. Test results relate only to the sample tested. This report shall not be reproduced, except in full, without prior written authorization of Mid-Atlantic Environmental Laboratories, Inc.



ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:03 PM

Lab Project #: 59641

Sampled By: BC

Lab Sample #: 59641-1

Sample Matrix: Soil

Client Sample ID: WC-1

Sample Type: Composite

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Chromium, Hexavalent - Non-aqueous								
Chromium, hexavalent	18540-29-9	ND		mg/kg	7196A	1.0	CD	10/9/2023 11:15 AM
Chromium, Trivalent - non-aqueous								
Chromium, Trivalent	16065-83-1	26.2		mg/kg	calc	1.25	WW	10/12/2023 8:25 AM
Cyanide, Total - non-aqueous								
Cyanide, Total	57-12-5	ND		mg/kg	9010C/9014	0.10	AAM	10/10/2023 11:51 AM
Mercury - Non-aqueous								
Mercury	7439-97-6	0.24		mg/kg	7471B	0.17	DS	10/6/2023 12:47 PM
Metals (NJSCC-new 6010D) - non-aqueous								
Aluminum	7429-90-5	13900		mg/kg	6010D	10.0	DS	10/10/2023 3:03 PM
Antimony	7440-36-0	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Arsenic	7440-38-2	5.80		mg/kg	6010D	1.00	DS	10/10/2023 3:03 PM
Barium	7440-39-3	69.9		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Beryllium	7440-41-7	ND		mg/kg	6010D	0.50	DS	10/10/2023 3:03 PM
Cadmium	7440-43-9	ND		mg/kg	6010D	0.50	DS	10/10/2023 3:03 PM
Chromium	7440-47-3	26.2		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Cobalt	7440-48-4	8.84		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Copper	7440-50-8	27.1		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Lead	7439-92-1	46.8		mg/kg	6010D	1.00	DS	10/10/2023 3:03 PM
Manganese	7439-96-5	246		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Nickel	7440-02-0	13.6		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Selenium	7782-49-2	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Silver	7440-22-4	ND		mg/kg	6010D	1.00	DS	10/10/2023 3:03 PM
Thallium	7440-28-0	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Vanadium	7440-62-2	41.1		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM
Zinc	7440-66-6	69.6		mg/kg	6010D	2.00	DS	10/10/2023 3:03 PM

PCBs - Non-aqueous

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:03 PM

Lab Project #: 59641

Sampled By: BC

Lab Sample #: 59641-1

Sample Matrix: Soil

Client Sample ID: WC-1

Sample Type: Composite

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:21 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:21 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:21 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:21 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:21 AM
PCB-1254	11097-69-1	0.036		mg/kg	8082A	0.025	CD	10/11/2023 9:21 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:21 AM
Percent Moisture/Percent Solid								
Total Moisture		15.3		%	2540B	0.10	B T	10/11/2023 1:07 PM
Pesticides (NJSCC-new) - non-aqueous								
Aldrin	309-00-2	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
alpha BHC	319-84-6	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
beta BHC	319-85-7	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
gamma BHC (Lindane)	58-89-9	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
alpha-Chlordane	5103-71-9	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
gamma-Chlordane	5103-74-2	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
4,4'-DDD	72-54-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:21 AM
4,4'-DDE	72-55-9	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:21 AM
4,4'-DDT	50-29-3	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:21 AM
Dieldrin	60-57-1	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:21 AM
Endosulfan I	959-98-8	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
Endosulfan II	33213-65-9	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:21 AM
Endrin	72-20-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:21 AM
Heptachlor	76-44-8	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
Heptachlor epoxide	1024-57-3	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:21 AM
Methoxychlor	72-43-5	ND		mg/kg	8081B	0.01250	CD	10/11/2023 9:21 AM
Toxaphene	8001-35-2	ND		mg/kg	8081B	0.02500	CD	10/11/2023 9:21 AM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:03 PM

Sampled By: BC

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 59641

Lab Sample #: 59641-1

Client Sample ID: WC-1

Akhter mehmood

Akhter Mehmood
Lab Director

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:05 PM

Sampled By: BC

Lab Project #: 59641

Sample Matrix: Soil

Lab Sample #: 59641-2

Sample Type: Grab

Client Sample ID: WC-1V

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Percent Moisture/Percent Solid								
Total Moisture		15.300		%	2540B	0.1000	WW	10/11/2023 1:07 PM
Volatile Organics (8260D) - non-aqueous								
2-Hexanone	591-78-6	ND		mg/kg	8260D	0.050	TA	10/11/2023 8:38 PM
Volatile Organics (NJSCC-new) - non-aqueous								
Acetone	67-64-1	ND		mg/kg	8260D	0.05	TA	10/11/2023 8:38 PM
Acrylonitrile	107-13-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Benzene	71-43-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Bromodichloromethane	75-27-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Bromoform (Tribromomethane)	75-25-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Bromomethane	74-83-9	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Carbon Tetrachloride	56-23-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Chlorobenzene	108-90-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Chloroform	67-66-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Chloromethane (Methyl Chloride)	74-87-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Dibromochloromethane	124-48-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,1-Dichloroethane	75-34-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
cis-1,2-Dichloroethene	156-59-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
trans-1,2-Dichloroethene	156-60-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Ethylbenzene	100-41-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Hexachlorobutadiene	87-68-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Hexachloroethane	67-72-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Methyl Ethyl Ketone (MEK)	78-93-3	ND		mg/kg	8260D	0.050	TA	10/11/2023 8:38 PM
Methylene Chloride (Dichloromethane)	75-09-2	ND		mg/kg	8260D	0.010	TA	10/11/2023 8:38 PM
Naphthalene	91-20-3	ND		mg/kg	8260D	0.020	TA	10/11/2023 8:38 PM
Nitrobenzene	98-95-3	ND		mg/kg	8260D	0.050	TA	10/11/2023 8:38 PM
Styrene	100-42-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,1,2,2-Tetrachloroethane	79-34-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Tetrachloroethene (PCE)	127-18-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Toluene	108-88-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:05 PM

Lab Project #: 59641

Sampled By: BC

Lab Sample #: 59641-2

Sample Matrix: Soil

Client Sample ID: WC-1V

Sample Type: Grab

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
1,2,4-Trichlorobenzene	120-82-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,2,4-Trimethylbenzene	95-63-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Trichloroethene (TCE)	79-01-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Vinyl Chloride	75-01-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Xylenes, Total	1330-20-7	ND		mg/kg	8260D	0.015	TA	10/11/2023 8:38 PM
1,1-Dichloroethene	75-35-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
cis-1,3-Dichloropropene	10061-01-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
trans-1,3-Dichloropropene	10061-02-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,2-Dichloropropane	78-87-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,1,1-Trichloroethane	71-55-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,1,2-Trichloroethane	79-00-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Acrolein	107-02-8	ND		mg/kg	8260D	0.050	TA	10/11/2023 8:38 PM
Carbon disulfide	75-15-0	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Chloroethane	75-00-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,2-Dibromoethane (EDB)	106-93-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Dichlorodifluoromethane	75-71-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Methyl tert-butyl ether (MTBE)	1634-04-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Methyl Acetate	79-20-9	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
tert-Butyl alcohol (TBA)	75-65-0	ND		mg/kg	8260D	0.050	TA	10/11/2023 8:38 PM
Trichlorofluoromethane	75-69-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,2-Dichloroethane	107-06-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,2-Dichlorobenzene	95-50-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,3-Dichlorobenzene	541-73-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,4-Dichlorobenzene	106-46-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
1,2,3-Trichlorobenzene	87-61-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Bromochloromethane	74-97-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Cyclohexane	110-82-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM
Isopropylbenzene (Cumene)	98-82-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:05 PM

Sampled By: BC

Sample Matrix: Soil

Sample Type: Grab

Lab Project #: 59641

Lab Sample #: 59641-2

Client Sample ID: WC-1V

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
Methylcyclohexane	108-87-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 8:38 PM

Akhter mehmood

Akhter Mehmood
Lab Director

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:25 PM

Sampled By: BC

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 59641

Lab Sample #: 59641-3

Client Sample ID: WC-2

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Chromium, Hexavalent - Non-aqueous								
Chromium, hexavalent	18540-29-9	ND		mg/kg	7196A	1.0	CD	10/9/2023 11:15 AM
Chromium, Trivalent - non-aqueous								
Chromium, Trivalent	16065-83-1	21.1		mg/kg	calc	1.25	WW	10/12/2023 8:25 AM
Cyanide, Total - non-aqueous								
Cyanide, Total	57-12-5	ND		mg/kg	9010C/9014	0.10	AAM	10/10/2023 11:51 AM
Mercury - Non-aqueous								
Mercury	7439-97-6	5.17		mg/kg	7471B	1.70	DS	10/6/2023 1:01 PM
Metals (NJSCC-new 6010D) - non-aqueous								
Aluminum	7429-90-5	10600		mg/kg	6010D	10.0	DS	10/10/2023 3:06 PM
Antimony	7440-36-0	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Arsenic	7440-38-2	6.20		mg/kg	6010D	1.00	DS	10/10/2023 3:06 PM
Barium	7440-39-3	59.0		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Beryllium	7440-41-7	ND		mg/kg	6010D	0.50	DS	10/10/2023 3:06 PM
Cadmium	7440-43-9	ND		mg/kg	6010D	0.50	DS	10/10/2023 3:06 PM
Chromium	7440-47-3	21.1		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Cobalt	7440-48-4	7.95		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Copper	7440-50-8	26.8		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Lead	7439-92-1	74.8		mg/kg	6010D	1.00	DS	10/10/2023 3:06 PM
Manganese	7439-96-5	206		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Nickel	7440-02-0	12.1		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Selenium	7782-49-2	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Silver	7440-22-4	ND		mg/kg	6010D	1.00	DS	10/10/2023 3:06 PM
Thallium	7440-28-0	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Vanadium	7440-62-2	32.2		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
Zinc	7440-66-6	80.1		mg/kg	6010D	2.00	DS	10/10/2023 3:06 PM
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:46 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:46 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:46 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:46 AM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:25 PM

Lab Project #: 59641

Sampled By: BC

Lab Sample #: 59641-3

Sample Matrix: Soil

Client Sample ID: WC-2

Sample Type: Composite

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1248	12672-29-6	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:46 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:46 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	0.025	CD	10/11/2023 9:46 AM
Percent Moisture/Percent Solid								
Total Moisture		14.9		%	2540B	0.10	B T	10/11/2023 1:07 PM
Pesticides (NJSCC-new) - non-aqueous								
Aldrin	309-00-2	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
alpha BHC	319-84-6	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
beta BHC	319-85-7	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
gamma BHC (Lindane)	58-89-9	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
alpha-Chlordane	5103-71-9	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
gamma-Chlordane	5103-74-2	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
4,4'-DDD	72-54-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:46 AM
4,4'-DDE	72-55-9	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:46 AM
4,4'-DDT	50-29-3	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:46 AM
Dieldrin	60-57-1	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:46 AM
Endosulfan I	959-98-8	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
Endosulfan II	33213-65-9	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:46 AM
Endosulfan sulfate	1031-07-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:46 AM
Endrin	72-20-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 9:46 AM
Heptachlor	76-44-8	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
Heptachlor epoxide	1024-57-3	ND		mg/kg	8081B	0.00125	CD	10/11/2023 9:46 AM
Methoxychlor	72-43-5	ND		mg/kg	8081B	0.01250	CD	10/11/2023 9:46 AM
Toxaphene	8001-35-2	ND		mg/kg	8081B	0.02500	CD	10/11/2023 9:46 AM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:25 PM

Sampled By: BC

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 59641

Lab Sample #: 59641-3

Client Sample ID: WC-2

Akhter mehmood

Akhter Mehmood
Lab Director

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:36 PM

Sampled By: BC

Lab Project #: 59641

Sample Matrix: Soil

Lab Sample #: 59641-4

Sample Type: Grab

Client Sample ID: WC-2V

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Percent Moisture/Percent Solid								
Total Moisture		14.900		%	2540B	0.1000	WW	10/11/2023 1:07 PM
Volatile Organics (8260D) - non-aqueous								
2-Hexanone	591-78-6	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:07 PM
Volatile Organics (NJSCC-new) - non-aqueous								
Acetone	67-64-1	ND		mg/kg	8260D	0.05	TA	10/11/2023 9:07 PM
Acrylonitrile	107-13-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Benzene	71-43-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Bromodichloromethane	75-27-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Bromoform (Tribromomethane)	75-25-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Bromomethane	74-83-9	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Carbon Tetrachloride	56-23-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Chlorobenzene	108-90-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Chloroform	67-66-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Chloromethane (Methyl Chloride)	74-87-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Dibromochloromethane	124-48-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,1-Dichloroethane	75-34-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
cis-1,2-Dichloroethene	156-59-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
trans-1,2-Dichloroethene	156-60-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Ethylbenzene	100-41-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Hexachlorobutadiene	87-68-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Hexachloroethane	67-72-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Methyl Ethyl Ketone (MEK)	78-93-3	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:07 PM
Methylene Chloride (Dichloromethane)	75-09-2	ND		mg/kg	8260D	0.010	TA	10/11/2023 9:07 PM
Naphthalene	91-20-3	ND		mg/kg	8260D	0.020	TA	10/11/2023 9:07 PM
Nitrobenzene	98-95-3	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:07 PM
Styrene	100-42-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,1,2,2-Tetrachloroethane	79-34-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Tetrachloroethene (PCE)	127-18-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Toluene	108-88-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:36 PM

Lab Project #: 59641

Sampled By: BC

Lab Sample #: 59641-4

Sample Matrix: Soil

Client Sample ID: WC-2V

Sample Type: Grab

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
1,2,4-Trichlorobenzene	120-82-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,2,4-Trimethylbenzene	95-63-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Trichloroethene (TCE)	79-01-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Vinyl Chloride	75-01-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Xylenes, Total	1330-20-7	ND		mg/kg	8260D	0.015	TA	10/11/2023 9:07 PM
1,1-Dichloroethene	75-35-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
cis-1,3-Dichloropropene	10061-01-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
trans-1,3-Dichloropropene	10061-02-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,2-Dichloropropane	78-87-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,1,1-Trichloroethane	71-55-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,1,2-Trichloroethane	79-00-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Acrolein	107-02-8	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:07 PM
Carbon disulfide	75-15-0	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Chloroethane	75-00-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,2-Dibromoethane (EDB)	106-93-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Dichlorodifluoromethane	75-71-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Methyl tert-butyl ether (MTBE)	1634-04-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Methyl Acetate	79-20-9	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
tert-Butyl alcohol (TBA)	75-65-0	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:07 PM
Trichlorofluoromethane	75-69-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,2-Dichloroethane	107-06-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,2-Dichlorobenzene	95-50-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,3-Dichlorobenzene	541-73-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,4-Dichlorobenzene	106-46-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
1,2,3-Trichlorobenzene	87-61-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Bromochloromethane	74-97-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Cyclohexane	110-82-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM
Isopropylbenzene (Cumene)	98-82-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:36 PM

Sampled By: BC

Sample Matrix: Soil

Sample Type: Grab

Lab Project #: 59641

Lab Sample #: 59641-4

Client Sample ID: WC-2V

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
Methylcyclohexane	108-87-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:07 PM

Akhter mehmood

Akhter Mehmood
Lab Director

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:41 PM

Sampled By: BC

Lab Project #: 59641

Sample Matrix: Soil

Lab Sample #: 59641-5

Sample Type: Composite

Client Sample ID: WC-3

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Chromium, Hexavalent - Non-aqueous								
Chromium, hexavalent	18540-29-9	ND		mg/kg	7196A	1.0	CD	10/9/2023 11:15 AM
Chromium, Trivalent - non-aqueous								
Chromium, Trivalent	16065-83-1	26.6		mg/kg	calc	1.25	WW	10/12/2023 8:25 AM
Cyanide, Total - non-aqueous								
Cyanide, Total	57-12-5	ND		mg/kg	9010C/9014	0.10	AAM	10/10/2023 11:51 AM
Mercury - Non-aqueous								
Mercury	7439-97-6	0.39		mg/kg	7471B	0.17	DS	10/6/2023 12:50 PM
Metals (NJSCC-new 6010D) - non-aqueous								
Aluminum	7429-90-5	15400		mg/kg	6010D	10.0	DS	10/10/2023 3:10 PM
Antimony	7440-36-0	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Arsenic	7440-38-2	6.02		mg/kg	6010D	1.00	DS	10/10/2023 3:10 PM
Barium	7440-39-3	96.8		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Beryllium	7440-41-7	ND		mg/kg	6010D	0.50	DS	10/10/2023 3:10 PM
Cadmium	7440-43-9	ND		mg/kg	6010D	0.50	DS	10/10/2023 3:10 PM
Chromium	7440-47-3	26.6		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Cobalt	7440-48-4	8.94		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Copper	7440-50-8	30.7		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Lead	7439-92-1	117		mg/kg	6010D	1.00	DS	10/10/2023 3:10 PM
Manganese	7439-96-5	309		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Nickel	7440-02-0	12.3		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Selenium	7782-49-2	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Silver	7440-22-4	ND		mg/kg	6010D	1.00	DS	10/10/2023 3:10 PM
Thallium	7440-28-0	ND		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Vanadium	7440-62-2	37.9		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
Zinc	7440-66-6	118		mg/kg	6010D	2.00	DS	10/10/2023 3:10 PM
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	0.025	CD	10/11/2023 10:12 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	0.025	CD	10/11/2023 10:12 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	0.025	CD	10/11/2023 10:12 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	0.025	CD	10/11/2023 10:12 AM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:41 PM

Lab Project #: 59641

Sampled By: BC

Lab Sample #: 59641-5

Sample Matrix: Soil

Client Sample ID: WC-3

Sample Type: Composite

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1248	12672-29-6	ND	-	mg/kg	8082A	0.025	CD	10/11/2023 10:12 AM
PCB-1254	11097-69-1	ND	-	mg/kg	8082A	0.025	CD	10/11/2023 10:12 AM
PCB-1260	11096-82-5	ND	-	mg/kg	8082A	0.025	CD	10/11/2023 10:12 AM
Percent Moisture/Percent Solid								
Total Moisture		15.8		%	2540B	0.10	B T	10/11/2023 1:07 PM
Pesticides (NJSCC-new) - non-aqueous								
Aldrin	309-00-2	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
alpha BHC	319-84-6	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
beta BHC	319-85-7	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
gamma BHC (Lindane)	58-89-9	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
alpha-Chlordane	5103-71-9	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
gamma-Chlordane	5103-74-2	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
4,4'-DDD	72-54-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 10:12 AM
4,4'-DDE	72-55-9	ND		mg/kg	8081B	0.00250	CD	10/11/2023 10:12 AM
4,4'-DDT	50-29-3	ND		mg/kg	8081B	0.00250	CD	10/11/2023 10:12 AM
Dieldrin	60-57-1	ND		mg/kg	8081B	0.00250	CD	10/11/2023 10:12 AM
Endosulfan I	959-98-8	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
Endosulfan II	33213-65-9	ND		mg/kg	8081B	0.00250	CD	10/11/2023 10:12 AM
Endosulfan sulfate	1031-07-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 10:12 AM
Endrin	72-20-8	ND		mg/kg	8081B	0.00250	CD	10/11/2023 10:12 AM
Heptachlor	76-44-8	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
Heptachlor epoxide	1024-57-3	ND		mg/kg	8081B	0.00125	CD	10/11/2023 10:12 AM
Methoxychlor	72-43-5	ND		mg/kg	8081B	0.01250	CD	10/11/2023 10:12 AM
Toxaphene	8001-35-2	ND		mg/kg	8081B	0.02500	CD	10/11/2023 10:12 AM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:41 PM

Sampled By: BC

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 59641

Lab Sample #: 59641-5

Client Sample ID: WC-3

Akhter mehmood

Akhter Mehmood
Lab Director

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:46 PM

Lab Project #: 59641

Sampled By: BC

Lab Sample #: 59641-6

Sample Matrix: Soil

Client Sample ID: WC-3V

Sample Type: Grab

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Percent Moisture/Percent Solid								
Total Moisture		15.800		%	2540B	0.1000	WW	10/11/2023 1:07 PM
Volatile Organics (8260D) - non-aqueous								
2-Hexanone	591-78-6	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:37 PM
Volatile Organics (NJSCC-new) - non-aqueous								
Acetone	67-64-1	ND		mg/kg	8260D	0.05	TA	10/11/2023 9:37 PM
Acrylonitrile	107-13-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Benzene	71-43-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Bromodichloromethane	75-27-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Bromoform (Tribromomethane)	75-25-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Bromomethane	74-83-9	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Carbon Tetrachloride	56-23-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Chlorobenzene	108-90-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Chloroform	67-66-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Chloromethane (Methyl Chloride)	74-87-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Dibromochloromethane	124-48-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,1-Dichloroethane	75-34-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
cis-1,2-Dichloroethene	156-59-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
trans-1,2-Dichloroethene	156-60-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Ethylbenzene	100-41-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Hexachlorobutadiene	87-68-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Hexachloroethane	67-72-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Methyl Ethyl Ketone (MEK)	78-93-3	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:37 PM
Methylene Chloride (Dichloromethane)	75-09-2	ND		mg/kg	8260D	0.010	TA	10/11/2023 9:37 PM
Naphthalene	91-20-3	ND		mg/kg	8260D	0.020	TA	10/11/2023 9:37 PM
Nitrobenzene	98-95-3	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:37 PM
Styrene	100-42-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,1,2,2-Tetrachloroethane	79-34-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Tetrachloroethene (PCE)	127-18-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Toluene	108-88-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:46 PM

Sampled By: BC

Lab Project #: 59641

Sample Matrix: Soil

Lab Sample #: 59641-6

Sample Type: Grab

Client Sample ID: WC-3V

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
1,2,4-Trichlorobenzene	120-82-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,2,4-Trimethylbenzene	95-63-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Trichloroethene (TCE)	79-01-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Vinyl Chloride	75-01-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Xylenes, Total	1330-20-7	ND		mg/kg	8260D	0.015	TA	10/11/2023 9:37 PM
1,1-Dichloroethene	75-35-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
cis-1,3-Dichloropropene	10061-01-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
trans-1,3-Dichloropropene	10061-02-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,2-Dichloropropane	78-87-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,1,1-Trichloroethane	71-55-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,1,2-Trichloroethane	79-00-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Acrolein	107-02-8	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:37 PM
Carbon disulfide	75-15-0	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Chloroethane	75-00-3	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,2-Dibromoethane (EDB)	106-93-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Dichlorodifluoromethane	75-71-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Methyl tert-butyl ether (MTBE)	1634-04-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Methyl Acetate	79-20-9	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
tert-Butyl alcohol (TBA)	75-65-0	ND		mg/kg	8260D	0.050	TA	10/11/2023 9:37 PM
Trichlorofluoromethane	75-69-4	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,2-Dichloroethane	107-06-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,2-Dichlorobenzene	95-50-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,3-Dichlorobenzene	541-73-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,4-Dichlorobenzene	106-46-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
1,2,3-Trichlorobenzene	87-61-6	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Bromochloromethane	74-97-5	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Cyclohexane	110-82-7	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM
Isopropylbenzene (Cumene)	98-82-8	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM

ANALYTICAL REPORT

Project Name: CRA - 618 Chestnut

Date Sampled: 10/4/2023 12:46 PM

Sampled By: BC

Sample Matrix: Soil

Sample Type: Grab

Lab Project #: 59641

Lab Sample #: 59641-6

Client Sample ID: WC-3V

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
Methylcyclohexane	108-87-2	ND		mg/kg	8260D	0.005	TA	10/11/2023 9:37 PM

Akhter mehmood

Akhter Mehmood
Lab Director

ANALYTICAL REPORT

Methodology

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the MAEL website at <http://maelinc.com/MAELcertification.pdf>

Qualifiers

B	Detected in method blank	E	Detected above calibration limits, result estimated
H	Parameter run out of hold time	J	Detected below PQL, result estimated
P	Incorrect Preservative	R	See report notes
SUB	Sub-Contracted to ALS Middletown PA	N	Not NELAP/TNI certified for parameter
Q	Insufficient sample provided for MS/MSD, in analytical batch, LCS/LCS duplicate substituted	C	NELAP/TNI certification not available for this parameter

Abbreviations

ppm	Parts Per Million (mg/kg or mg/L)	PQL	Practical Quantitation Level
ppb	Parts Per Billion (ug/kg or ug/L)	attached	Subcontract Lab Report Attached
g	gram (1000 g = 1Kg)	ND	Not Detected
kg	kilogram (1 kg = 1000 g)	NA	Not Applicable
mg	milligram (1000 mg = 1 g)	NS	Not Spiked
mg/kg	milligram per kilogram (ppm)	NP	No PCB pattern detected
ug/kg	microgram per kilogram (ppb)	NR	Not Requested
ug	microgram (1000 ug = 1 mg)	NI	Not Ignitable
L	liter (1 L = 1000 mL)	NFL	No Free Liquid
ml	milliliter (1000 ml = 1 L)	NTU	Nephelometric Turbidity Units
ul	microliter (1000 ul = 1 ml)	S.U.	Standard Unit
mg/L	milligram per liter (ppm)	RPD	Relative Percent Difference
ug/L	microgram per liter (ppb)	RSD	Relative Standard Deviation
ng/kg	nanogram per kilogram	MS/MSD	Matrix Spike/Matrix Spike Duplicate
BTU/lb	British Thermal Units per pound	LCS	Laboratory Control Sample
CFU/mL	Colony Forming Units per milliliter	BS	Blank Spike (Method Spike)
MPN/100 ml	Most Probable Number per 100 mL	o F	degrees Fahrenheit
mS/cm	milli Siemens per centimeter	o C	degrees Celsius
uS/cm	micro Siemens per centimeter	umhos	Conductivity Units
ug/sq cm	microgram per square centimeter	ohms	Resistivity Units
ug/sq ft	microgram per square feet	RL	Reporting Limit
ug/wipe	microgram per wipe		

Note: All non-aqueous samples, with the exception of oils, wipes, and paint chips are dry weight corrected
 PQL-The Practical Quantitation Limit (PQL) is the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

RL-Reporting Limit is greater than or equal to PQL.



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CHAIN OF CUSTODY

Lab Use Only
 Job # 59641

Client Name: Ambient	Invoice To: Ambient	Sample On Ice <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Disposal <input type="checkbox"/> Client <input checked="" type="checkbox"/> MAEL Site Location <input checked="" type="checkbox"/> NJ <input type="checkbox"/> PA <input type="checkbox"/> DE <input type="checkbox"/> MD <input type="checkbox"/> Other	Data Format Requested <input checked="" type="checkbox"/> Results Only <input type="checkbox"/> QC Package <input type="checkbox"/> NJRDD + Hazsite <input type="checkbox"/> NJFDD + Hazsite <input type="checkbox"/> MDE <input checked="" type="checkbox"/> Excel Summary	Report Format <input type="checkbox"/> Fax <input checked="" type="checkbox"/> E-mail PDF <input type="checkbox"/> Portal Posting Only																																																												
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Contact Name: Julian Heal	Bottle Order #	Quote #																																																														
Phone # 856-582-1765 x 102	Regulatory Program <input type="checkbox"/> DERBCAP <input type="checkbox"/> PA UST <input type="checkbox"/> PA Clean Fill <input type="checkbox"/> PA ACT II <input type="checkbox"/> NJGWQC <input checked="" type="checkbox"/> NJ SRP <input type="checkbox"/> NJ UST <input type="checkbox"/> MDE <input type="checkbox"/> Site Specific <input type="checkbox"/> Non regulatory <input type="checkbox"/> Other (Specify):		Turn Around Time <input type="checkbox"/> <24 Hours (Same Day) <input type="checkbox"/> 24 Hours (Next Day) <input type="checkbox"/> 48 Hours (2 Days) <input type="checkbox"/> 72 Hours (3 Days) <input type="checkbox"/> 96 Hours (4 Days) <input checked="" type="checkbox"/> Standard (1 Week) <input type="checkbox"/> 2 Weeks <input type="checkbox"/> Other – Specify																																																													
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E-mail: jheal@ambientgp.com	Failure to include regulatory program may result in PQLs incompatible to regulatory limit. If not specified, assumed to be non-regulatory.																																																															
Remarks: *Include Dioxin Screen																																																																

Laboratory Sample #	Client Sample ID	Sampling Info		AM PM	Sampled By:	Sample Type		Matrix	# Cntrs	Analysis Requested																																																
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6	WC-3V	10/4/23	12:46	PM	BC	X		Soil	1																																																	

Bottles Supplied By MAEL? Yes No	Logged By:	QA Reviewed:	Page 1 of 1
Relinquished By: <i>[Signature]</i>	Date: <u>10/5/23</u> Time: <u>11:07</u>	Received By: <i>[Signature]</i>	Date: <u>10/5/23</u> Time: <u>1107</u>
Relinquished By:	Date: Time:	Received By:	Date: Time:

All samples are disposed 30 days after receipt unless otherwise requested. By signing this Chain of Custody Agreement, customer expressly agrees to pay Mid-Atlantic Environmental Laboratories, Inc. for all changes reasonably incurred in connection with analysis and reporting of these samples. Please provide additional aqueous sample whenever possible in order to ensure there is sufficient sample for method QA/QC, as well as for any re-analysis that may be required.



DE certification
 MD certification