



Mid-Atlantic

Environmental Laboratories, Inc.

30 Lukens Drive, Suite A

New Castle, DE 19720

Phone: 302-654-1340 / TOLL FREE: 877-654-1340

www.maelinc.com

mael@maelinc.com

Analytical Report

Project Name: Vineland Equipment

MAEL Job Number: 43649

Client: SRS
62 Grove Street
West Deptford, NJ 08086

Contact Name: Stephen Martinez

Date Received: 10/05/2015

Date Reported: 11/9/2015

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: Vineland Equipment

Date Sampled: 9/30/2015 12:00 AM

Sampled By: GK

Lab Project #: 43649

Sample Matrix: Soil

Lab Sample #: 43649-1

Sample Type: Composite

Client Sample ID: Residual

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	R B	10/6/2015 11:57 AM
Chromium, Trivalent - non-aqueous								
Chromium, Trivalent	16065-83-1	117		mg/kg	calc	1.25	W W	10/9/2015 9:12 AM
Cyanide, Total - non-aqueous								
Cyanide, Total	57-12-5	9.09		mg/kg	9010C/9014	0.20	R B	10/6/2015 10:48 AM
Mercury - Non-aqueous								
Mercury	7439-97-6	3.97		mg/kg	7471A	0.05	K S	10/7/2015 3:27 PM
Metals (NJSCC-new) - non-aqueous								
Aluminum	7429-90-5	29300		mg/kg	6010B	12.5	K S	10/7/2015 2:07 PM
Antimony	7440-36-0	31.2		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Arsenic	7440-38-2	47.3		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Barium	7440-39-3	44.1		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Beryllium	7440-41-7	ND		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Cadmium	7440-43-9	5.24		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Chromium	7440-47-3	117		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Cobalt	7440-48-4	74.7		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Copper	7440-50-8	776		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Lead	7439-92-1	249		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Manganese	7439-96-5	949		mg/kg	6010B	12.5	K S	10/7/2015 2:07 PM
Nickel	7440-02-0	9280		mg/kg	6010B	12.5	K S	10/7/2015 2:07 PM
Selenium	7782-49-2	ND		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Silver	7440-22-4	ND		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Thallium	7440-28-0	ND		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Vanadium	7440-62-2	210		mg/kg	6010B	0.50	K S	10/7/2015 2:07 PM
Zinc	7440-66-6	2410		mg/kg	6010B	12.5	K S	10/7/2015 2:07 PM
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	0.025	S M	10/8/2015 8:15 PM



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Sampled By: GK

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-1

Client Sample ID: Residual

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1221	11104-28-2	ND		mg/kg	8082A	0.025	S M	10/8/2015 8:15 PM
PCB-1232	11141-16-5	ND		mg/kg	8082A	0.025	S M	10/8/2015 8:15 PM
PCB-1242	53469-21-9	ND		mg/kg	8082A	0.025	S M	10/8/2015 8:15 PM
PCB-1248	12672-29-6	ND		mg/kg	8082A	0.025	S M	10/8/2015 8:15 PM
PCB-1254	11097-69-1	ND		mg/kg	8082A	0.025	S M	10/8/2015 8:15 PM
PCB-1260	11096-82-5	ND		mg/kg	8082A	0.025	S M	10/8/2015 8:15 PM
Percent Moisture/Percent Solid								
Total Moisture		20.8		%	2540B	0.10	josh walls	10/6/2015 8:37 AM
Pesticides (NJSCC-new) - non-aqueous								
Aldrin	309-00-2	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
alpha BHC	319-84-6	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
beta BHC	319-85-7	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
gamma BHC (Lindane)	58-89-9	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
alpha-Chlordane	5103-71-9	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
gamma-Chlordane	5103-74-2	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
4,4'-DDD	72-54-8	ND		mg/kg	8081B	0.00250	S M	10/8/2015 8:15 PM
4,4'-DDE	72-55-9	ND		mg/kg	8081B	0.00250	S M	10/8/2015 8:15 PM
4,4'-DDT	50-29-3	ND		mg/kg	8081B	0.00250	S M	10/8/2015 8:15 PM
Dieldrin	60-57-1	ND		mg/kg	8081B	0.00250	S M	10/8/2015 8:15 PM
Endosulfan I	959-98-8	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
Endosulfan II	33213-65-9	ND		mg/kg	8081B	0.00250	S M	10/8/2015 8:15 PM
Endosulfan sulfate	1031-07-8	ND		mg/kg	8081B	0.00250	S M	10/8/2015 8:15 PM
Endrin	72-20-8	ND		mg/kg	8081B	0.00250	S M	10/8/2015 8:15 PM
Heptachlor	76-44-8	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
Heptachlor epoxide	1024-57-3	ND		mg/kg	8081B	0.00125	S M	10/8/2015 8:15 PM
Methoxychlor	72-43-5	ND		mg/kg	8081B	0.01250	S M	10/8/2015 8:15 PM
Toxaphene	8001-35-2	ND		mg/kg	8081B	0.02500	S M	10/8/2015 8:15 PM
Semi Volatile Organics (NJSCC-new) - non-aqueous								
Acenaphthene	83-32-9	0.731		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Benzo[a]anthracene	56-55-3	0.619		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Benzo[b]fluoranthene	205-99-2	0.820		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM



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Date Sampled: 9/30/2015 12:00 AM

Sampled By: GK

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-1

Client Sample ID: Residual

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Semi Volatile Organics (NJSCC-new) - non-aqueous								
Benzo[k]fluoranthene	207-08-9	0.330		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Benzo[a]pyrene	50-32-8	0.314		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
bis (2-Chloroethyl) ether	111-44-4	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
bis (2-chloroisopropyl) ether	108-60-1	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
bis (2-Ethylhexyl) phthalate	117-81-7	2.384		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Butylbenzylphthalate	85-68-7	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2-Chlorophenol	95-57-8	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Chrysene	218-01-9	1.344		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Dibenz[a,h]anthracene	53-70-3	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Di-n-butylphthalate	84-74-2	0.285		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
1,4-Dichlorobenzene	106-46-7	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
3,3'-Dichlorobenzidine	91-94-1	ND		mg/kg	8270D	0.200	R C	10/6/2015 9:50 PM
2,4-Dichlorophenol	120-83-2	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Diethylphthalate	84-66-2	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2,4-Dimethylphenol	105-67-9	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2,4-Dinitrophenol	51-28-5	ND		mg/kg	8270D	0.250	R C	10/6/2015 9:50 PM
Di-n-octylphthalate	117-84-0	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Fluoranthene	206-44-0	0.314		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Fluorene	86-73-7	0.613		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Hexachlorobenzene	118-74-1	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Hexachlorocyclopentadiene	77-47-4	ND		mg/kg	8270D	0.250	R C	10/6/2015 9:50 PM
Indeno[1,2,3-cd]pyrene	193-39-5	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Isophorone	78-59-1	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
n-Nitroso-di-n-propylamine	621-64-7	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Pentachlorophenol	87-86-5	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Phenol	108-95-2	2.014		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Pyrene	129-00-0	0.917		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2,4,5-Trichlorophenol	95-95-4	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2,4,6-Trichlorophenol	88-06-2	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
n-Nitrosodiphenylamine	86-30-6	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Anthracene	120-12-7	0.662		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Acenaphthylene	208-96-8	0.203		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM



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Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-1

Client Sample ID: Residual

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Semi Volatile Organics (NJSCC-new) - non-aqueous								
Acetophenone	98-86-2	1.150		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Benzaldehyde	100-52-7	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Benzidine	92-87-5	ND		mg/kg	8270D	0.200	R C	10/6/2015 9:50 PM
Benzo[g,h,i]perylene	191-24-2	0.203		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Carbazole	86-74-8	0.253		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2,4-Dinitrotoluene	121-14-2	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2,6-Dinitrotoluene	606-20-2	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
4,6-Dinitro-2-methylphenol	534-52-1	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
1,2-Diphenylhydrazine	122-66-7	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2-Methylnaphthalene	91-57-6	3.642		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
2-Nitroaniline	88-74-4	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
N-nitrosodimethylamine	62-75-9	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Phenanthrene	85-01-8	2.064		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
o-Cresol (2-Methylphenol)	95-48-7	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
p-Cresol (4-Methylphenol)	106-44-5	9.992		mg/kg	8270D	0.200	R C	10/7/2015 2:13 PM
Benzyl Alcohol	100-51-6	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
4-Chloroaniline	106-47-8	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
4-Chloro-3-methylphenol	59-50-7	ND		mg/kg	8270D	0.100	R C	10/6/2015 9:50 PM
Sulfur - non-aqueous								
Sulfur	7704-34-9	4100		mg/kg	6010B	1.25	K S	11/9/2015 1:39 PM
TCLP Herbicides								
2,4-D	94-75-7	ND		mg/L	1311/8151A	0.002	S M	10/9/2015 7:32 PM
2,4,5-TP (Silvex)	93-72-1	ND		mg/L	1311/8151A	0.002	S M	10/9/2015 7:32 PM
TCLP Mercury								
Mercury	7439-97-6	ND		mg/L	1311/7470A	0.001	K S	10/9/2015 2:22 PM
TCLP Metals								
Arsenic	7440-38-2	ND		mg/L	1311/6010B	0.05	K S	10/9/2015 12:34 PM
Barium	7440-39-3	0.23		mg/L	1311/6010B	0.05	K S	10/9/2015 12:34 PM
Cadmium	7440-43-9	ND		mg/L	1311/6010B	0.05	K S	10/9/2015 12:34 PM
Chromium	7440-47-3	ND		mg/L	1311/6010B	0.05	K S	10/9/2015 12:34 PM



ANALYTICAL REPORT

Project Name: Vineland Equipment

Date Sampled: 9/30/2015 12:00 AM

Sampled By: GK

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-1

Client Sample ID: Residual

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
TCLP Metals								
Lead	7439-92-1	ND		mg/L	1311/6010B	0.05	K S	10/9/2015 12:34 PM
Selenium	7782-49-2	ND		mg/L	1311/6010B	0.05	K S	10/9/2015 12:34 PM
Silver	7440-22-4	ND		mg/L	1311/6010B	0.05	K S	10/9/2015 12:34 PM
TCLP Pesticides								
Chlordane	57-74-9	ND		mg/L	1311/8081A	0.00100	S M	10/9/2015 9:30 PM
Endrin	72-20-8	ND		mg/L	1311/8081A	0.00010	S M	10/9/2015 9:30 PM
gamma BHC (Lindane)	58-89-9	ND		mg/L	1311/8081A	0.00005	S M	10/9/2015 9:30 PM
Heptachlor	76-44-8	ND		mg/L	1311/8081A	0.00005	S M	10/9/2015 9:30 PM
Heptachlor epoxide	1024-57-3	ND		mg/L	1311/8081A	0.00005	S M	10/9/2015 9:30 PM
Methoxychlor	72-43-5	ND		mg/L	1311/8081A	0.00050	S M	10/9/2015 9:30 PM
Toxaphene	8001-35-2	ND		mg/L	1311/8081A	0.00100	S M	10/9/2015 9:30 PM
TCLP Semivolatiles								
1,4-Dichlorobenzene	106-46-7	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
2,4-Dinitrotoluene	121-14-2	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
Hexachlorobenzene	118-74-1	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
Hexachlorobutadiene	87-68-3	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
Hexachloroethane	67-72-1	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
2-Methylphenol	95-48-7	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
3- & 4- Methylphenol	61379-65-5	0.51		mg/L	1311/8270D	0.10	R C	10/9/2015 2:38 PM
Nitrobenzene	98-95-3	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
Pentachlorophenol	87-86-5	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
Pyridine	110-86-1	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
2,4,5-Trichlorophenol	95-95-4	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
2,4,6-Trichlorophenol	88-06-2	ND		mg/L	1311/8270D	0.10	R C	10/9/2015 1:43 PM
Total Petroleum Hydrocarbons (C-40) - non-aqueous								
Total Petroleum Hydrocarbons (C-40)		34600		mg/kg	8015B	500	S M	11/5/2015 11:56 AM



ANALYTICAL REPORT

Project Name: Vineland Equipment

Date Sampled: 9/30/2015 12:00 AM

Sampled By: GK

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-1

Client Sample ID: Residual



Akhter Mehmood
Lab Director



Wayne Wells II
QAQC Director



ANALYTICAL REPORT

Project Name: Vineland Equipment

Date Sampled: 10/5/2015 12:00 AM

Sampled By: SFM

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-2

Client Sample ID: Residual VOC sample

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Percent Moisture/Percent Solid								
Total Moisture		20.9		%	2540B	0.10	josh walls	10/6/2015 8:37 AM
TCLP Volatiles								
Benzene	71-43-2	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
Carbon Tetrachloride	56-23-5	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
Chlorobenzene	108-90-7	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
Chloroform	67-66-3	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
1,2-Dichloroethane	107-06-2	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
1,1-Dichloroethene	75-35-4	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
Methyl Ethyl Ketone (MEK)	78-93-3	ND		mg/L	1311/8260C	0.10	W W II	10/9/2015 11:59 AM
Tetrachloroethene (PCE)	127-18-4	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
Trichloroethene (TCE)	79-01-6	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
Vinyl Chloride	75-01-4	ND		mg/L	1311/8260C	0.02	W W II	10/9/2015 11:59 AM
Volatile Organics (NJSCC-new) - non-aqueous								
Acetone	67-64-1	0.39		mg/kg	8260C	0.10	W W II	10/6/2015 3:23 PM
Acrylonitrile	107-13-1	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Benzene	71-43-2	0.143		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Bromodichloromethane	75-27-4	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Bromoform (Tribromomethane)	75-25-2	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Bromomethane	74-83-9	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Carbon Tetrachloride	56-23-5	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Chlorobenzene	108-90-7	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Chloroform	67-66-3	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Chloromethane (Methyl Chloride)	74-87-3	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Dibromochloromethane	124-48-1	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,1-Dichloroethane	75-34-3	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
cis-1,2-Dichloroethene	156-59-2	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
trans-1,2-Dichloroethene	156-60-5	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Ethylbenzene	100-41-4	0.107		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Hexachlorobutadiene	87-68-3	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Hexachloroethane	67-72-1	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM



ANALYTICAL REPORT

Project Name: Vineland Equipment

Date Sampled: 10/5/2015 12:00 AM

Sampled By: SFM

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-2

Client Sample ID: Residual VOC sample

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
Methyl Ethyl Ketone (MEK)	78-93-3	0.261		mg/kg	8260C	0.100	W W II	10/6/2015 3:23 PM
Methylene Chloride (Dichloromethane)	75-09-2	0.050		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Naphthalene	91-20-3	2.115		mg/kg	8260C	0.040	W W II	10/6/2015 3:23 PM
Nitrobenzene	98-95-3	ND		mg/kg	8260C	0.100	W W II	10/6/2015 3:23 PM
Styrene	100-42-5	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,1,2,2-Tetrachloroethane	79-34-5	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Tetrachloroethene (PCE)	127-18-4	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Toluene	108-88-3	0.201		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,2,4-Trichlorobenzene	120-82-1	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Trichloroethene (TCE)	79-01-6	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Vinyl Chloride	75-01-4	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Xylenes, Total	1330-20-7	0.388		mg/kg	8260C	0.030	W W II	10/6/2015 3:23 PM
1,1-Dichloroethene	75-35-4	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
cis-1,3-Dichloropropene	10061-01-5	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
trans-1,3-Dichloropropene	10061-02-6	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,2-Dichloropropane	78-87-5	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,1,1-Trichloroethane	71-55-6	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,1,2-Trichloroethane	79-00-5	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Acrolein	107-02-8	ND		mg/kg	8260C	0.100	W W II	10/6/2015 3:23 PM
Carbon disulfide	75-15-0	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Chloroethane	75-00-3	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,2-Dibromoethane (EDB)	106-93-4	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Dichlorodifluoromethane	75-71-8	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
Methyl tert-butyl ether (MTBE)	1634-04-4	1.124		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
tert-Butyl alcohol (TBA)	75-65-0	1.347		mg/kg	8260C	0.100	W W II	10/6/2015 3:23 PM
Trichlorofluoromethane	75-69-4	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,2-Dichloroethane	107-06-2	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,2-Dichlorobenzene	95-50-1	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM
1,3-Dichlorobenzene	541-73-1	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM



ANALYTICAL REPORT

Project Name: Vineland Equipment

Date Sampled: 10/5/2015 12:00 AM

Sampled By: SFM

Sample Matrix: Soil

Sample Type: Composite

Lab Project #: 43649

Lab Sample #: 43649-2

Client Sample ID: Residual VOC sample

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
Volatile Organics (NJSCC-new) - non-aqueous								
1,4-Dichlorobenzene	106-46-7	ND		mg/kg	8260C	0.010	W W II	10/6/2015 3:23 PM



Akhter Mehmood
Lab Director



Wayne Wells II
QAQC Director



ANALYTICAL REPORT

Methodology

All analyses are adapted from one or more of the following reference methods:

"Guidelines Establishing Test Procedures for the Analysis of Pollutants" Code of Federal Regulations, Vol. 40, Part 136
 "Test Methods for Evaluating Solid Waste", SW846 Third Edition, September 1986, USEPA.
 Code of Federal Regulations Vol. 40, Part 261, "Appendix II Method 1311 Toxicity Characteristic Leaching Procedure."
 Standard Methods for the Examination of Water and Wastewater", 18th & 21st editions
 "Methods for the Chemical Analysis of Water and Wastes", EPA600/4-79-020, March 1983, U.S. EPA, EMSL
 "Annual Book of Standards, Section 11-Water", American Society for Testing and Materials (ASTM)
 "Methods for the Determination of Organic Compounds in Drinking Water", EPA 600/4-88/039, December 1988

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 Certified Lab	N	Not NELAP/TNI certified for 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.



**Mid-Atlantic**

Environmental Laboratories, Inc.
 30 Lukens Drive, Suite A
 New Castle, DE 19720-2700
 Phone: 302-854-1340 TOLL FREE: 877-854-1340
 Fax: 302-854-1058
 www.sarexusa.com
 email: info@sarexusa.com

CHAIN OF CUSTODY**Lab Use Only**Job # 43644

Client Name: Separation and Recovery System	Invoice To: SRS	Sample On Ice <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	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 type="checkbox"/> Excel Summary	Report Format <input type="checkbox"/> Fax <input checked="" type="checkbox"/> E-mail PDF <input type="checkbox"/> Portal Posting Only
Address: 62 Grove Street	Purchase Order #: 1465	Sample Disposal <input type="checkbox"/> Client <input checked="" type="checkbox"/> MAEL		
City, State, Zip: West Deptford NJ 08062	Project Name: Vineland Equipment	Site Location <input checked="" type="checkbox"/> NJ <input type="checkbox"/> PA <input type="checkbox"/> DE <input type="checkbox"/> MD <input type="checkbox"/> Other		
Contact Name: Stephen Martinez	Bottle Order #	Quote #		
Phone # 714-916-6065	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 type="checkbox"/> NJ SRP <input type="checkbox"/> NJ UST <input type="checkbox"/> MDE <input type="checkbox"/> Site Specific <input checked="" 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	
Fax # 856-223-8825	Failure to include regulatory program may result in PQLs incompatible to regulatory limit. If not specified, assumed to be non-regulatory			
E-mail: smartinez@sarexusa.com				
Remarks:				

Laboratory Sample #	Client Sample ID	Sampling Info		AM PM	Sampled By:	Sample Type		Matrix	# Cntrs	Analysis Requested															
		Date	Time			Grab	Comp																		
43644-1	Residual	9/30/15			GK		C	Soil	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2	Residual VOC sample	10/5/15			SFM		C	Soil	2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Bottles Supplied By MAEL? Yes No	Logged By: <u>Wayne Well</u> 10/5/15	QA Reviewed: <u>Mitchell</u> 10/5/15	Page of
Relinquished By: <u>[Signature]</u>	Date: 10/5/15 Time: 10:55	Received By: <u>[Signature]</u>	Date: 10/5/15 Time: 10:55
Relinquished By: <u>[Signature]</u>	Date: 10/5/15 Time: 11:15	Received By: <u>[Signature]</u>	Date: 10/5/15 Time: 11:15

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.

MAE Certified
DE NJ



DE certification
MD certification

Sample Temperature	
Temp as Read	
Temp Corrected	