

South Island Apartments, Site C401074 Building 10 Sampling Results

SCOPE OF WORK

On May 21, 2021, two (2) indoor air, two (2) sub-slab, and one (1) outdoor air samples were collected from the western side of Building 10 at the South Island Apartments site. The purpose of the sampling was to determine the need to operate the sub-slab depressurization system (SSDS) that was installed as part of the construction of the building. The system for the building was constructed in two (2) phases, with the western side of the building completed first. The system for the western side of the building has two (2) suction points.

Sampling locations are provided in Attachment 1.

SAMPLING AND ANALYTICAL

All samples were collected in one (1) liter SUMMA canisters with flow regulators set for eight (8) hours. Samples were analyzed by TO-15, with TO-15 SIM used for indoor air and outdoor air samples. Field sheets are provided in Attachment 2.

Sub-slab samples were leak tested with helium and adjustments made in the field as necessary, which are described in the attached field sheets. A shroud was used to introduce helium above the sub-slab sampling point, and helium levels were monitored using an MGD-2002 helium leak detector.

A duplicate sample was collected at the IA-01 sampling location using a duplicate splitter. Indoor air samples were placed at breathing height.

RESULTS

Results of the sampling are summarized in the table in Attachment 3. Full lab results are provided in Attachment 4. Though it is not a contaminant of concern at the site, methylene chloride was detected in indoor air, outdoor air, and sub-slab samples at levels that would indicate additional monitoring would be needed according to the NYSDOH decision matrices. An additional sampling round is planned for the heating season at the request of NYSDEC and NYSDOH.

The SSDS has been operating on the building since the sampling event was completed and will continue to be operated and maintained in accordance with the Site Management Plan, consistent with the request from NYSDEC and NYSDOH after preliminary results were provided on June 2, 2021.

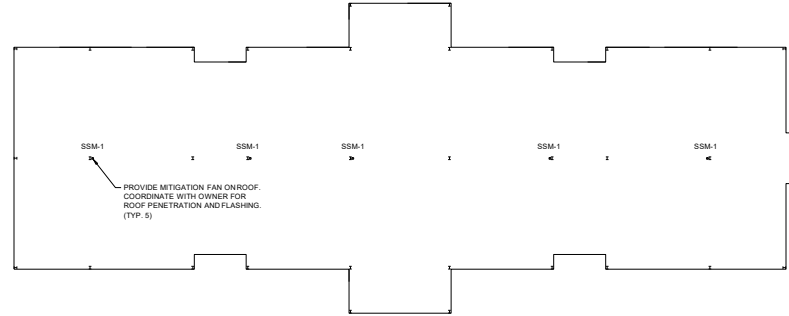
A Data Usability Summary Report (DUSR) was completed by Environmental Data Services, Inc and is provided in Attachment 5. No data was rejected in the DUSR, and the data was determined to be acceptable for the intended purposes as qualified.

Attachment 1
Sample Locations

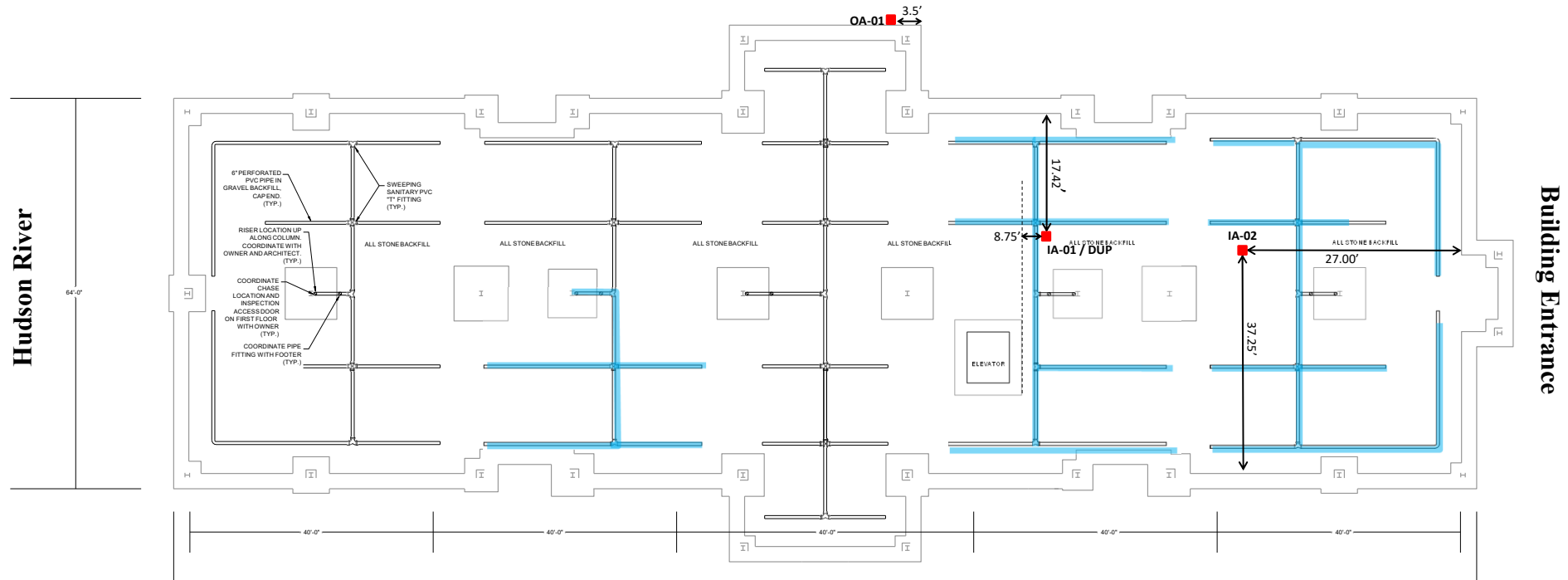
MECHANICAL GENERAL NOTES

1. COORDINATE ALL PIPING LAYOUTS WITH OTHER TRADES PRIOR TO INSTALLATION.
2. FIRE CAULK EACH FLOOR PENETRATION AT 6" VERTICAL PIPE LOCATION.

Completed Vapor Mitigation Piping



1 SUB-SLAB MITIGATION ROOF PLAN BLDG 10
1/16" = 1'-0"



2 SUB-SLAB MITIGATION PLAN BLDG 10
1/8" = 1'-0"

Indoor & Outdoor Air Quality Sampling Locations



Building Entrance

Hudson River

FINAL DESIGN PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SOUTH ISLAND APARTMENTS, LLC
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT

SUB-SLAB MITIGATION FLOOR PLANS - BUILDING #10

SCALE:	SEE PLANS	DESIGN:	CJZ	M-010 2 of 2
DRAWN:	CJZ	PROJECT:	18327.00	
CHECKED:	CSK	DATE:	04-02-2020	

NOT DRAWN TO SCALE

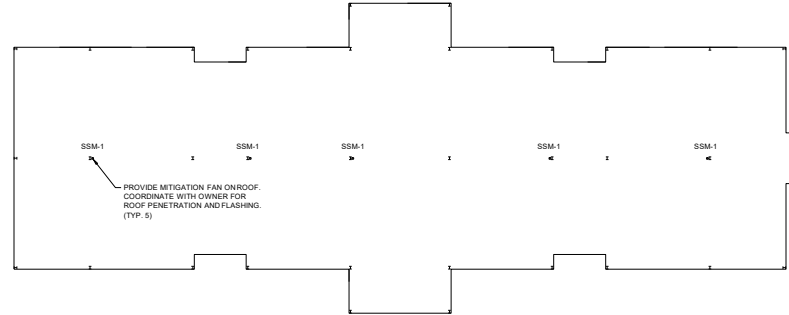


McFarland Johnson
60 RAILROAD PK # 402
SARATOGA SPRINGS, NEW YORK 12866

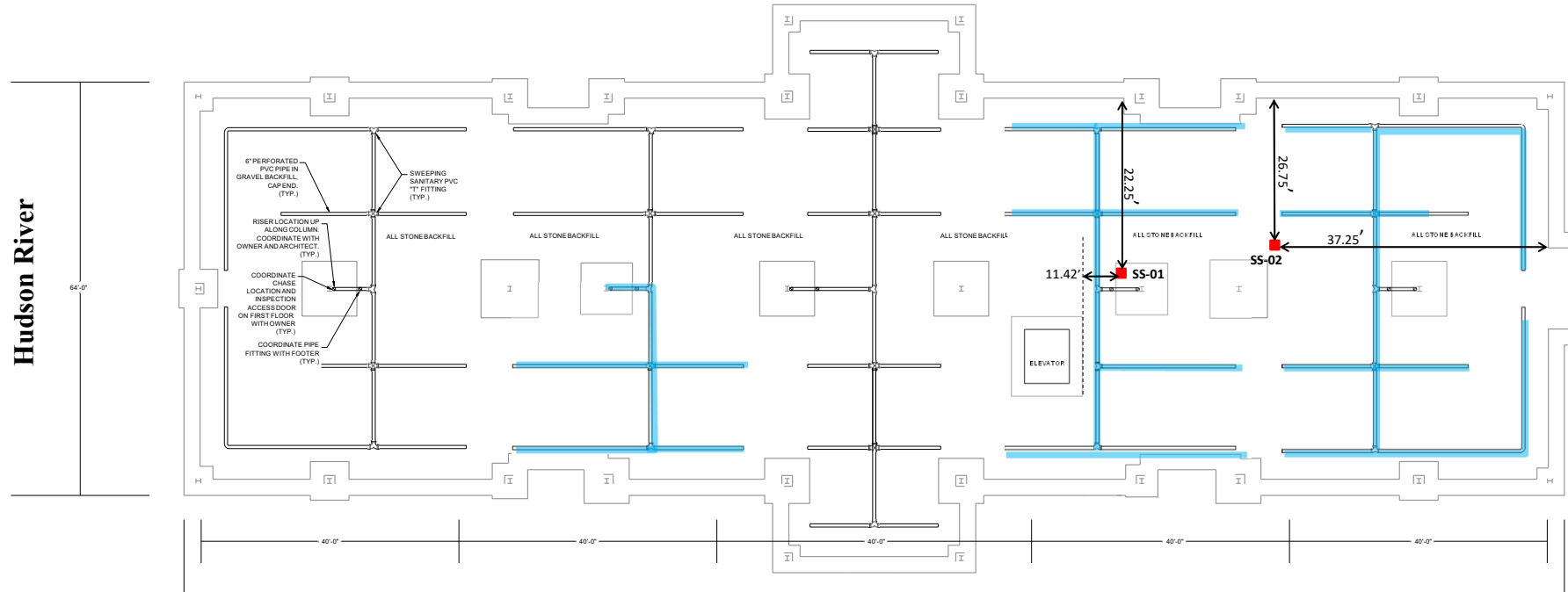
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Completed Vapor Mitigation Piping



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**SUB-SLAB MITIGATION
FLOOR PLANS - BUILDING #10**

SCALE:	SEE PLANS	DESIGN:	CJZ	M-010 2 of 2
DRAWN:	CJZ	PROJECT:	18327.00	
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NOT DRAWN TO SCALE



McFarland Johnson
60 RAILROAD PK# 402
SARATOGA SPRINGS, NEW YORK 12866

Attachment 2

Field Sheets

Indoor and/or Outdoor Air Sampling Field Data Sheet

Project Name	South Island Apartments
Date	5/21/21
Sampler Name	RF, KT
Start Time	8:31 AM
End Time	2:58 PM
Sample ID	IA-01
Canister ID	1195, DUP: 328
Regulator ID	187

Weather Conditions

Temperature 70 °F

Barometric Pressure 30.16 in Hg

Wind Speed and Direction 5-12 S/SE

Significant precipitation event 24-48 hrs prior to sampling Y ☐ N ☒

If yes to significant precipitation event,

Date _____ Amount of Precipitation _____ Inches

Sampling Train

Sample container: Canister: 1.0 L ☒ 6.0 L ☐

Other: _____

Tedlar bag: Y ☐ N ☐ Gas-tight syringe: Y ☐ N ☐

If canister:

Vacuum reading before sampling: -31 in Hg

Vacuum reading after sampling: -5 in Hg

Flow restrictor setting: 2.1 (set for 8 hours) mL/min

Sketch of Sample Location

See Site Plan

Field Duplicate

Y ☒ N ☐

Used the Duplicate Splitter? Yes

Other Comments

Indoor and/or Outdoor Air Sampling Field Data Sheet

Project Name	South Island Apartments
Date	5/21/21
Sampler Name	RF, KT
Start Time	8:29 AM
End Time	3:15 PM
Sample ID	IA-02
Canister ID	231
Regulator ID	344

Weather Conditions

Temperature 70 °F

Barometric Pressure 30.16 in Hg

Wind Speed and Direction 5-12 S/SE

Significant precipitation event 24-48 hrs prior to sampling Y ☐ N ☒

If yes to significant precipitation event,

Date _____ Amount of Precipitation _____ Inches

Sampling Train

Sample container: Canister: 1.0 L ☒ 6.0 L ☐

Other: _____

Tedlar bag: Y ☐ N ☐ Gas-tight syringe: Y ☐ N ☐

If canister:

Vacuum reading before sampling: -31 in Hg

Vacuum reading after sampling: -6 in Hg

Flow restrictor setting: 2.1 (set for 8 hours) mL/min

Sketch of Sample Location

See Site Plan

Field Duplicate

Y ☐ N ☒

Used the Duplicate Splitter?

Other Comments

Soil Gas Sampling Field Data Sheet

Project Name	South Island Apartments
Date	5/21/21
Sampler Name	RF, KT
Start Time	8:43 AM
End Time	2:56 PM
Sample ID	SS-01
Probe Depth	Sub-slab, approx. 5"
Probe Tubing Type	Teflon
Canister ID	347
Regulator ID	1170

Weather Conditions

Temperature 70 °F

Barometric Pressure 30.16 in Hg

Wind Speed and Direction 5-12 mph S/SE

Significant precipitation event 24-48 hrs prior to sampling Y ☐ N ☒

If yes to significant precipitation event,

Date _____ Amount of Precipitation _____ Inches

Soil Conditions

Apparent Moisture Content Dry ☒ Moist ☐ Saturated ☐

What is soil type encountered at sample location? N/A, below slab

Was sample collected beneath a surface cover (e.g. parking lot, sidewalk, road, building, other)? Y ☒ N ☐

Describe the surface cover, if any Building

Was the sample collected near a subsurface conduit? Y ☐ N ☒

Describe subsurface conduit, if any _____

Sampling Train

Sample container: Canister: 1.0 L ☒ 6.0 L ☐

Other: _____

Tedlar bag: Y ☐ N ☐ Gas-tight syringe: Y ☐ N ☐

If canister:

Vacuum reading before sampling: -30 in Hg

Vacuum reading after sampling: -5 in Hg

Flow restrictor setting: 2.1 (8 hour setting) mL/min

Tubing type (e.g. Teflon, stainless steel): Teflon

Tubing used from probe top to canister: Length: 7 inch ID: 1/4 inch

Leak Testing and Probe Purging before sampling

Total Volume of Probe + Tubing: 10 mL

Purge volumes removed: 3

Purging pump type: syringe

Purging pump flowrate: _____

Tracer compound for leak testing: helium

For Helium leak testing:

Concentration of Helium in shroud: 20 %

Container used to collect tracer gas sample: direct from tubing

Concentration of Helium in tracer gas sample (if greater than 10%, improve seal): 11 %

Results of repeat testing, if needed, and comments on any necessary seal improvements in field:

Added modeling clay around probe and electrical tape around shroud fittings and reading decreased to 1.2%

Field Duplicate

Y ☐ N ☒

Used the Duplicate Splitter?

Other Comments

Soil Gas Sampling Field Data Sheet

Project Name	South Island Apartments
Date	5/21/21
Sampler Name	RF, KT
Start Time	12:05 PM (restarted, changed controller, problem with first one)
End Time	6:20 PM
Sample ID	SS-02
Probe Depth	Sub-slab, approx. 5"
Probe Tubing Type	Teflon
Canister ID	222
Regulator ID	1195

Weather Conditions

Temperature 70 °F

Barometric Pressure 30.16 in Hg

Wind Speed and Direction 5-12 mph S/SE

Significant precipitation event 24-48 hrs prior to sampling Y ☐ N ☒

If yes to significant precipitation event,

Date _____ Amount of Precipitation _____ Inches

Soil Conditions

Apparent Moisture Content Dry ☒ Moist ☐ Saturated ☐

What is soil type encountered at sample location? N/A, below slab

Was sample collected beneath a surface cover (e.g. parking lot, sidewalk, road, building, other)? Y ☒ N ☐

Describe the surface cover, if any Building

Was the sample collected near a subsurface conduit? Y ☐ N ☒

Describe subsurface conduit, if any _____

Sampling Train

Sample container: Canister: 1.0 L ☒ 6.0 L ☐

Other: _____

Tedlar bag: Y ☐ N ☐ Gas-tight syringe: Y ☐ N ☐

If canister:

Vacuum reading before sampling: -31 in Hg

Vacuum reading after sampling: -6 in Hg

Flow restrictor setting: 2.1 (8 hour setting) mL/min

Tubing type (e.g. Teflon, stainless steel): Teflon

Tubing used from probe top to canister: Length: 7 inch ID: 1/4 inch

Leak Testing and Probe Purging before sampling

Total Volume of Probe + Tubing: 10 mL

Purge volumes removed: 3

Purging pump type: syringe

Purging pump flowrate: _____

Tracer compound for leak testing: helium

For Helium leak testing:

Concentration of Helium in shroud: 20 %

Container used to collect tracer gas sample: direct from tubing

Concentration of Helium in tracer gas sample (if greater than 10%, improve seal): 1.6 %

Results of repeat testing, if needed, and comments on any necessary seal improvements in field:

Given results at SS-01, started out with additional modeling clay around tubing

Field Duplicate

Y ☐ N ☒

Used the Duplicate Splitter?

Other Comments

Indoor and/or Outdoor Air Sampling Field Data Sheet

Project Name	South Island Apartments
Date	5/21/21
Sampler Name	RF, KT
Start Time	8:47 AM
End Time	3:04 PM
Sample ID	OA-01
Canister ID	333
Regulator ID	266

Weather Conditions

Temperature 70 °F

Barometric Pressure 30.16 in Hg

Wind Speed and Direction 5-12 S/SE

Significant precipitation event 24-48 hrs prior to sampling Y ☐ N ☒

If yes to significant precipitation event,

Date _____ Amount of Precipitation _____ Inches

Sampling Train

Sample container: Canister: 1.0 L ☒ 6.0 L ☐

Other: _____

Tedlar bag: Y ☐ N ☐ Gas-tight syringe: Y ☐ N ☐

If canister:

Vacuum reading before sampling: -31 in Hg

Vacuum reading after sampling: -5 in Hg

Flow restrictor setting: 2.1 (set for 8 hours) mL/min

Sketch of Sample Location

See Site Plan

Field Duplicate

Y ☐ N ☒

Used the Duplicate Splitter?

Other Comments

Attachment 3

Results

Luizzi - Green Island Remediation - Building 10 Sampling

Sample ID		OA-01		IA-01		IA-02		SS-01		SS-02		DUP		BLANK	
		5/21/2021		5/21/2021		5/21/2021		5/21/2021		5/21/2021		5/21/2021		5/21/2021	
Analyses	NYSDOH Air Guideline Values (µg/m ³) ^a	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)
1,1,1-Trichloroethane		ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82
1,1,2,2-Tetrachloroethane		ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane		ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82
1,1-Dichloroethane		ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61
1,1-Dichloroethene		ND	0.16	ND	0.16	ND	0.16	ND	0.59	ND	0.59	ND	0.16	ND	0.16
1,2,4-Trichlorobenzene		ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1
1,2,4-Trimethylbenzene		0.54	0.74	0.93	0.74	0.93	0.74	ND	0.74	ND	0.74	0.79	0.74	ND	0.74
1,2-Dibromoethane		ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,2-Dichlorobenzene		ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9
1,2-Dichloroethane		ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61
1,2-Dichloropropane		ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69
1,3,5-Trimethylbenzene		ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74
1,3-butadiene		ND	0.33	ND	0.33	ND	0.33	ND	0.33	ND	0.33	ND	0.33	ND	0.33
1,3-Dichlorobenzene		ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9
1,4-Dichlorobenzene		ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9
1,4-Dioxane		ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1
2,2,4-trimethylpentane		ND	0.7	ND	0.7	ND	0.7	ND	0.7	ND	0.7	ND	0.7	ND	0.7
4-ethyltoluene		ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74
Acetone		24	7.1	36	7.1	17	7.1	39	28	51	28	23	7.1	ND	0.71
Allyl chloride		ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47
Benzene		0.42	0.48	0.48	0.48	0.45	0.48	0.35	0.48	0.61	0.48	0.45	0.48	ND	0.48
Benzyl chloride		ND	0.86	ND	0.86	ND	0.86	ND	0.86	ND	0.86	ND	0.86	ND	0.86
Bromodichloromethane		ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromoform		ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Bromomethane		ND	0.58	ND	0.58	ND	0.58	ND	0.58	ND	0.58	ND	0.58	ND	0.58
Carbon disulfide		0.47	0.47	0.75	0.47	0.62	0.47	1.6	0.47	2.2	0.47	0.72	0.47	ND	0.47
Carbon tetrachloride		0.5	0.19	0.5	0.19	0.5	0.19	ND	0.94	ND	0.94	0.38	0.19	ND	0.19
Chlorobenzene		ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69
Chloroethane		ND	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0.4
Chloroform		ND	0.73	ND	0.73	ND	0.73	ND	0.73	0.78	0.73	ND	0.73	ND	0.73
Chloromethane		0.93	0.31	0.99	0.31	0.89	0.31	ND	0.31	ND	0.31	1	0.31	ND	0.31
cis-1,2-Dichloroethene		ND	0.16	0.32	0.16	0.32	0.16	ND	0.59	ND	0.59	ND	0.16	ND	0.16
cis-1,3-Dichloropropene		ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68
Cyclohexane		ND	0.52	ND	0.52	ND	0.52	ND	0.52	ND	0.52	ND	0.52	ND	0.52
Dibromochloromethane		ND	1.3	ND	1.3	ND	1.3	ND	1.3	ND	1.3	ND	1.3	ND	1.3
Ethyl acetate		0.65	0.54	0.58	0.54	0.65	0.54	0.76	0.54	0.5	0.54	ND	0.54	ND	0.54
Ethylbenzene		ND	0.65	1.1	0.65	0.43	0.65	ND	0.65	ND	0.65	1	0.65	ND	0.65
Freon 11		1.3	0.84	1.5	0.84	1.2	0.84	1.2	0.84	1.2	0.84	1.2	0.84	ND	0.84
Freon 113		ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1
Freon 114		ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Freon 12		2.7	0.74	2.6	0.74	2.6	0.74	2.6	0.74	3.2	0.74	2.5	0.74	ND	0.74
Heptane		0.74	0.61	85	25	ND	0.61	1.7	0.61	1.7	0.61	120	25	ND	0.61
Hexachloro-1,3-butadiene		ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Hexane		0.49	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53
Isopropyl alcohol		3.1	0.37	6.1	0.37	3.6	0.37	12	3.7	7.6	3.7	3.4	0.37	ND	0.37
m&p-Xylene		ND	1.3	3.3	1.3	1.2	1.3	0.69	1.3	0.65	1.3	3.2	1.3	ND	1.3
Methyl Butyl Ketone		ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
Methyl Ethyl Ketone		1.7	0.88	6.5	8.8	6.2	8.8	7.1	8.8	9.1	8.8	6.5	8.8	ND	0.88
Methyl Isobutyl Ketone		ND	1.2	1.3	1.2	1.1	1.2	ND	1.2	2	1.2	1.5	1.2	ND	1.2
Methyl tert-butyl ether		ND	0.54	ND	0.54	ND	0.54	ND	0.54	ND	0.54	ND	0.54	ND	0.54
Methylene chloride	60	3.7	0.52	9.4	0.52	5.7	0.52	69	21	120	21	12	5.2	ND	0.52
o-Xylene		ND	0.65	1.4	0.65	0.56	0.65	ND	0.65	ND	0.65	1.3	0.65	ND	0.65
Propylene		ND	0.26	ND	0.26	ND	0.26	ND	0.26	ND	0.26	ND	0.26	ND	0.26
Styrene		ND	0.64	0.89	0.64	0.77	0.64	ND	0.64	ND	0.64	0.77	0.64	ND	0.64
Tetrachloroethylene	100	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Tetrahydrofuran		ND	0.44	6.5	4.4	5.9	4.4	20	4.4	16	4.4	6.8	4.4	ND	0.44
Toluene		1	0.57	5.2	0.57	3.5	0.57	2	0.57	5.7	0.57	5	0.57	ND	0.57
trans-1,2-Dichloroethene		ND	0.59	98	24	110	24	100	24	250	24	100	24	ND	0.59
trans-1,3-Dichloropropene		ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68
Trichloroethene	5	0.54	0.16	0.27	0.16	0.38	0.16	ND	0.81	ND	0.81	0.21	0.16	ND	0.16
Vinyl acetate		ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53
Vinyl Bromide		ND	0.66	ND	0.66	ND	0.66	ND	0.66	ND	0.66	ND	0.66	ND	0.66
Vinyl chloride		ND	0.1	ND	0.1	ND	0.1	ND	0.38	ND	0.38	ND	0.1	ND	0.1

Red Text = Exceedance of NYSDOH Standards

^a = From Table 3.1 in NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", October 2006.

Attachment 4

Lab Reports



CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206

Phone (315) 431-9730 * Emergency 24/7 (315) 416-2752

NYSDOH ELAP

Certificate No. 11830

Analytical Report

Rachel Farnum
Envirospec Engineering
349 Northern Blvd #3
Albany, NY 12204

Tuesday, June 01, 2021
Order No.: C2105056

TEL: (518) 453-2203

FAX

RE: Green Island

Dear Rachel Farnum:

Centek Laboratories, LLC received 7 sample(s) on 5/25/2021 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Centek Laboratories performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

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Sincerely,

William Dobbin
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable

for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate, propylene, Tetrahydrofuran, 4-PCH, sulfur derived and silicon series compounds.

Centek Laboratories, LLC Terms and Conditions

Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website www.CentekLabs.com. Samples received after 3:00pm are considered to be a part of the next day's business.

Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any damages of equipment.

Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit

application on file to extend credit. Purchase orders or checks information must be submitted for us to release results

Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

Applicable Surcharges for Rush Turnaround Samples:

Same day TAT = 200%

Next business day TAT by Noon = 150%

Next business day TAT by 6:00pm = 100%

Second business day TAT by 6:00pm = 75%

Third business day TAT by 6:00pm = 50%

Fourth business day TAT by 6:00pm = 35%

Fifth business day = Standard

Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.



CENTEK LABORATORIES, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering

Project: Green Island

Lab Order: C2105056

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:

Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (± 2 ", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (± 1 ", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg, ± 1 ". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.



CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name: ENVIROSPEC

Date and Time Received

5/25/2021

Work Order Number C2105056

Received by: RG

Checklist completed by

Robin Justus 5/25/21
Signature Date

Reviewed by

WD 5/25/2021
Initials Date

Matrix:

Carrier name: UPS - Ground

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
COC signed when relinquished and received?	Yes ☒	No ☐	
COC agrees with sample labels?	Yes ☒	No ☐	
COC completely filled out?	Yes ☐	No ☒	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☒	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted: yes Date contacted: 5/25/21 Person contacted: Rachael
Contacted by: Robin Regarding: canister #328 sample #6 was
Comments: not on COC.

Corrective Action: spoke to Rachael, add canister #328 Dap, sample #6.

QC'd By: WD

DATE: 6/1/2021



CENTEK LABORATORIES, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering

Project: Green Island

Lab Order: C2105056

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C2105056-001A	OA-01	333,266	5/21/2021	5/25/2021
C2105056-002A	IA-01	1195,187	5/21/2021	5/25/2021
C2105056-003A	IA-02	231,344	5/21/2021	5/25/2021
C2105056-004A	SS-01	347,1170	5/21/2021	5/25/2021
C2105056-005A	SS-02	222,1195	5/21/2021	5/25/2021
C2105056-006A	Dup	328,187	5/21/2021	5/25/2021
C2105056-007A	Trip Blank	284		5/25/2021

DATES REPORT

DATES REPORT									
Lab Order:	Client:	Project:	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C2105056	Envirospec Engineering	Green Island	OA-01	5/21/2021	Air	lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE			5/26/2021
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/26/2021			
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/26/2021			
C2105056-002A			IA-01			lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE			5/26/2021
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/26/2021			
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/26/2021			
C2105056-003A			IA-02			lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE			5/27/2021
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/26/2021			
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/27/2021			
C2105056-004A			SS-01			lug/M3 by Method TO15			5/27/2021
		lug/M3 by Method TO15				5/27/2021			
		lug/M3 by Method TO15				5/26/2021			
C2105056-005A			SS-02			lug/M3 by Method TO15			5/26/2021
		lug/M3 by Method TO15				5/26/2021			
		lug/M3 by Method TO15				5/27/2021			
C2105056-006A			Dup			lug/M3 by Method TO15			5/27/2021
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/26/2021			
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/27/2021			
C2105056-007A			Trip Blank			lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE			5/26/2021
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/27/2021			
		lug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-I,1DCE				5/26/2021			

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-001A

Client Sample ID: OA-01
Tag Number: 333,266
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-5			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 4:18:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2,4-Trimethylbenzene	0.11	0.15	J	ppbV	1	5/26/2021 4:18:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Acetone	10	3.0		ppbV	10	5/26/2021 10:13:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Benzene	0.13	0.15	J	ppbV	1	5/26/2021 4:18:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Bromoform	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Carbon disulfide	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	5/26/2021 4:18:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Chloroform	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Chloromethane	0.45	0.15		ppbV	1	5/26/2021 4:18:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 4:18:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Ethyl acetate	0.18	0.15		ppbV	1	5/26/2021 4:18:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-001A

Client Sample ID: OA-01
Tag Number: 333,266
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Ethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 11	0.24	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 113	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 114	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 12	0.55	0.15		ppbV	1	5/26/2021 4:18:00 PM
Heptane	0.18	0.15		ppbV	1	5/26/2021 4:18:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Hexane	0.14	0.15	J	ppbV	1	5/26/2021 4:18:00 PM
Isopropyl alcohol	1.2	0.15		ppbV	1	5/26/2021 4:18:00 PM
m&p-Xylene	< 0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl Ethyl Ketone	0.58	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Methylene chloride	1.1	0.15		ppbV	1	5/26/2021 4:18:00 PM
o-Xylene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Propylene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Styrene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Toluene	0.27	0.15		ppbV	1	5/26/2021 4:18:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Trichloroethene	0.10	0.030		ppbV	1	5/26/2021 4:18:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	5/26/2021 4:18:00 PM
Surr: Bromofluorobenzene	84.0	47-124		%REC	1	5/26/2021 4:18:00 PM

Qualifiers:

- . Results reported are not blank corrected
- DL Detection Limit
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection
- SC Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-002A

Client Sample ID: IA-01
Tag Number: 1195,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-4			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 5:03:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2,4-Trimethylbenzene	0.19	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	5/26/2021 5:03:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Acetone	15	3.0		ppbV	10	5/26/2021 10:56:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Benzene	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Bromoform	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Carbon disulfide	0.24	0.15		ppbV	1	5/26/2021 5:03:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	5/26/2021 5:03:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Chloroform	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Chloromethane	0.48	0.15		ppbV	1	5/26/2021 5:03:00 PM
cis-1,2-Dichloroethene	0.080	0.040		ppbV	1	5/26/2021 5:03:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Ethyl acetate	0.16	0.15		ppbV	1	5/26/2021 5:03:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-002A

Client Sample ID: IA-01
Tag Number: 1195,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Ethylbenzene	0.25	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 11	0.26	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 113	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 114	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 12	0.52	0.15		ppbV	1	5/26/2021 5:03:00 PM
Heptane	21	6.0		ppbV	40	5/26/2021 11:39:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Hexane	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Isopropyl alcohol	2.5	1.5		ppbV	10	5/26/2021 10:56:00 PM
m&p-Xylene	0.75	0.30		ppbV	1	5/26/2021 5:03:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 5:03:00 PM
Methyl Ethyl Ketone	2.2	3.0	J	ppbV	10	5/26/2021 10:56:00 PM
Methyl Isobutyl Ketone	0.31	0.30		ppbV	1	5/26/2021 5:03:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Methylene chloride	2.7	1.5		ppbV	10	5/26/2021 10:56:00 PM
o-Xylene	0.33	0.15		ppbV	1	5/26/2021 5:03:00 PM
Propylene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Styrene	0.21	0.15		ppbV	1	5/26/2021 5:03:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Tetrahydrofuran	2.2	1.5		ppbV	10	5/26/2021 10:56:00 PM
Toluene	1.4	0.15		ppbV	1	5/26/2021 5:03:00 PM
trans-1,2-Dichloroethene	25	6.0		ppbV	40	5/26/2021 11:39:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Trichloroethene	0.050	0.030		ppbV	1	5/26/2021 5:03:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	5/26/2021 5:03:00 PM
Surr: Bromofluorobenzene	88.0	47-124		%REC	1	5/26/2021 5:03:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-003A

Client Sample ID: IA-02
Tag Number: 231,344
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-4			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 5:47:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2,4-Trimethylbenzene	0.19	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	5/26/2021 5:47:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Acetone	7.3	3.0		ppbV	10	5/27/2021 12:22:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Benzene	0.14	0.15	J	ppbV	1	5/26/2021 5:47:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Bromoform	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Carbon disulfide	0.20	0.15		ppbV	1	5/26/2021 5:47:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	5/26/2021 5:47:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Chloroform	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Chloromethane	0.43	0.15		ppbV	1	5/26/2021 5:47:00 PM
cis-1,2-Dichloroethene	0.080	0.040		ppbV	1	5/26/2021 5:47:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Ethyl acetate	0.18	0.15		ppbV	1	5/26/2021 5:47:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-003A

Client Sample ID: IA-02
Tag Number: 231,344
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Ethylbenzene	0.10	0.15	J	ppbV	1	5/26/2021 5:47:00 PM
Freon 11	0.21	0.15		ppbV	1	5/26/2021 5:47:00 PM
Freon 113	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Freon 114	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Freon 12	0.52	0.15		ppbV	1	5/26/2021 5:47:00 PM
Heptane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Hexane	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Isopropyl alcohol	1.5	0.15		ppbV	1	5/26/2021 5:47:00 PM
m&p-Xylene	0.27	0.30	J	ppbV	1	5/26/2021 5:47:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 5:47:00 PM
Methyl Ethyl Ketone	2.1	3.0	J	ppbV	10	5/27/2021 12:22:00 AM
Methyl Isobutyl Ketone	0.28	0.30	J	ppbV	1	5/26/2021 5:47:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Methylene chloride	1.6	0.15		ppbV	1	5/26/2021 5:47:00 PM
o-Xylene	0.13	0.15	J	ppbV	1	5/26/2021 5:47:00 PM
Propylene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Styrene	0.18	0.15		ppbV	1	5/26/2021 5:47:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Tetrahydrofuran	2.0	1.5		ppbV	10	5/27/2021 12:22:00 AM
Toluene	0.93	0.15		ppbV	1	5/26/2021 5:47:00 PM
trans-1,2-Dichloroethene	27	6.0		ppbV	40	5/27/2021 1:04:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Trichloroethene	0.070	0.030		ppbV	1	5/26/2021 5:47:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	5/26/2021 5:47:00 PM
Surr: Bromofluorobenzene	83.0	47-124		%REC	1	5/26/2021 5:47:00 PM

Qualifiers:

- . Results reported are not blank corrected
- DL Detection Limit
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection
- SC Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-004A

Client Sample ID: SS-01
Tag Number: 347,1170
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-6			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	5/26/2021 6:32:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Acetone	16	12		ppbV	40	5/27/2021 2:30:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Benzene	0.11	0.15	J	ppbV	1	5/26/2021 6:32:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Bromoform	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Carbon disulfide	0.51	0.15		ppbV	1	5/26/2021 6:32:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chloroform	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Ethyl acetate	0.21	0.15		ppbV	1	5/26/2021 6:32:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-004A

Client Sample ID: SS-01
Tag Number: 347,1170
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Ethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 11	0.22	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 113	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 114	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 12	0.53	0.15		ppbV	1	5/26/2021 6:32:00 PM
Heptane	0.42	0.15		ppbV	1	5/26/2021 6:32:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Hexane	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Isopropyl alcohol	5.0	1.5		ppbV	10	5/27/2021 1:48:00 AM
m&p-Xylene	0.16	0.30	J	ppbV	1	5/26/2021 6:32:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 6:32:00 PM
Methyl Ethyl Ketone	2.4	3.0	J	ppbV	10	5/27/2021 1:48:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 6:32:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Methylene chloride	20	6.0		ppbV	40	5/27/2021 2:30:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Propylene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Styrene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Tetrahydrofuran	6.9	1.5		ppbV	10	5/27/2021 1:48:00 AM
Toluene	0.52	0.15		ppbV	1	5/26/2021 6:32:00 PM
trans-1,2-Dichloroethene	26	6.0		ppbV	40	5/27/2021 2:30:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Surr: Bromofluorobenzene	77.0	46.7-129		%REC	1	5/26/2021 6:32:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-005A

Client Sample ID: SS-02
Tag Number: 222,1195
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-5			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	5/26/2021 7:17:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Acetone	22	12		ppbV	40	5/27/2021 3:54:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Benzene	0.19	0.15		ppbV	1	5/26/2021 7:17:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Bromoform	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Carbon disulfide	0.70	0.15		ppbV	1	5/26/2021 7:17:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chloroform	0.16	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Ethyl acetate	0.14	0.15	J	ppbV	1	5/26/2021 7:17:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-005A

Client Sample ID: SS-02
Tag Number: 222,1195
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Ethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 11	0.22	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 113	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 114	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 12	0.64	0.15		ppbV	1	5/26/2021 7:17:00 PM
Heptane	0.41	0.15		ppbV	1	5/26/2021 7:17:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Hexane	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Isopropyl alcohol	3.1	1.5		ppbV	10	5/27/2021 3:12:00 AM
m&p-Xylene	0.15	0.30	J	ppbV	1	5/26/2021 7:17:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 7:17:00 PM
Methyl Ethyl Ketone	3.1	3.0		ppbV	10	5/27/2021 3:12:00 AM
Methyl Isobutyl Ketone	0.50	0.30		ppbV	1	5/26/2021 7:17:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Methylene chloride	34	6.0		ppbV	40	5/27/2021 3:54:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Propylene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Styrene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Tetrahydrofuran	5.5	1.5		ppbV	10	5/27/2021 3:12:00 AM
Toluene	1.5	0.15		ppbV	1	5/26/2021 7:17:00 PM
trans-1,2-Dichloroethene	64	6.0		ppbV	40	5/27/2021 3:54:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Surr: Bromofluorobenzene	80.0	46.7-129		%REC	1	5/26/2021 7:17:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-006A

Client Sample ID: Dup
Tag Number: 328,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-4			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 8:01:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2,4-Trimethylbenzene	0.16	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	5/26/2021 8:01:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Acetone	9.6	3.0		ppbV	10	5/27/2021 4:37:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Benzene	0.14	0.15	J	ppbV	1	5/26/2021 8:01:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Bromoform	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Carbon disulfide	0.23	0.15		ppbV	1	5/26/2021 8:01:00 PM
Carbon tetrachloride	0.060	0.030		ppbV	1	5/26/2021 8:01:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Chloroform	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Chloromethane	0.49	0.15		ppbV	1	5/26/2021 8:01:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 8:01:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Ethyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-006A

Client Sample ID: Dup
Tag Number: 328,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Ethylbenzene	0.24	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 11	0.21	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 113	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 114	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 12	0.51	0.15		ppbV	1	5/26/2021 8:01:00 PM
Heptane	30	6.0		ppbV	40	5/27/2021 5:19:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Hexane	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Isopropyl alcohol	1.4	0.15		ppbV	1	5/26/2021 8:01:00 PM
m&p-Xylene	0.73	0.30		ppbV	1	5/26/2021 8:01:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 8:01:00 PM
Methyl Ethyl Ketone	2.2	3.0	J	ppbV	10	5/27/2021 4:37:00 AM
Methyl Isobutyl Ketone	0.36	0.30		ppbV	1	5/26/2021 8:01:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Methylene chloride	3.4	1.5		ppbV	10	5/27/2021 4:37:00 AM
o-Xylene	0.29	0.15		ppbV	1	5/26/2021 8:01:00 PM
Propylene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Styrene	0.18	0.15		ppbV	1	5/26/2021 8:01:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Tetrahydrofuran	2.3	1.5		ppbV	10	5/27/2021 4:37:00 AM
Toluene	1.3	0.15		ppbV	1	5/26/2021 8:01:00 PM
trans-1,2-Dichloroethene	26	6.0		ppbV	40	5/27/2021 5:19:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Trichloroethene	0.040	0.030		ppbV	1	5/26/2021 8:01:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	5/26/2021 8:01:00 PM
Surr: Bromofluorobenzene	81.0	47-124		%REC	1	5/26/2021 8:01:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-007A

Client Sample ID: Trip Blank
Tag Number: 284
Collection Date:
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	+31			"Hg		5/25/2021
Lab Vacuum Out	+31			"Hg		5/25/2021
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 3:34:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Acetone	< 0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Benzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Bromoform	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Carbon tetrachloride	< 0.030	0.030		ppbV	1	5/26/2021 3:34:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Chloroform	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	5/26/2021 3:34:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Ethyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-007A

Client Sample ID: Trip Blank
Tag Number: 284
Collection Date:
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Ethylbenzene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 11	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 113	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 114	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 12	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Heptane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Hexane	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
m&p-Xylene	< 0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
o-Xylene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Propylene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Styrene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Toluene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	5/26/2021 3:34:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	5/26/2021 3:34:00 PM
Surr: Bromofluorobenzene	79.0	47-124		%REC	1	5/26/2021 3:34:00 PM

Qualifiers:

- . Results reported are not blank corrected
- DL Detection Limit
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection
- SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-001A

Client Sample ID: OA-01
Tag Number: 333,266
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trimethylbenzene	0.54	0.74	J	ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 4:18:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 4:18:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 4:18:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Acetone	24	7.1		ug/m3	10	5/26/2021 10:13:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Benzene	0.42	0.48	J	ug/m3	1	5/26/2021 4:18:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 4:18:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 4:18:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 4:18:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 4:18:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 4:18:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 4:18:00 PM
Chloromethane	0.93	0.31		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 4:18:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Freon 11	1.3	0.84		ug/m3	1	5/26/2021 4:18:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-001A

Client Sample ID: OA-01
Tag Number: 333,266
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.7	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Heptane	0.74	0.61		ug/m3	1	5/26/2021 4:18:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Hexane	0.49	0.53	J	ug/m3	1	5/26/2021 4:18:00 PM
Isopropyl alcohol	3.1	0.37		ug/m3	1	5/26/2021 4:18:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Methylene chloride	3.7	0.52		ug/m3	1	5/26/2021 4:18:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 4:18:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 4:18:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/26/2021 4:18:00 PM
Toluene	1.0	0.57		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Trichloroethene	0.54	0.16		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-002A

Client Sample ID: IA-01
Tag Number: 1195,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 5:03:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 5:03:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Acetone	36	7.1		ug/m3	10	5/26/2021 10:56:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 5:03:00 PM
Benzene	0.48	0.48		ug/m3	1	5/26/2021 5:03:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 5:03:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 5:03:00 PM
Carbon disulfide	0.75	0.47		ug/m3	1	5/26/2021 5:03:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 5:03:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 5:03:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 5:03:00 PM
Chloromethane	0.99	0.31		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 5:03:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Ethyl acetate	0.58	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Ethylbenzene	1.1	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Freon 11	1.5	0.84		ug/m3	1	5/26/2021 5:03:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-002A

Client Sample ID: IA-01
Tag Number: 1195,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Heptane	85	25		ug/m3	40	5/26/2021 11:39:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Isopropyl alcohol	6.1	3.7		ug/m3	10	5/26/2021 10:56:00 PM
m&p-Xylene	3.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Ethyl Ketone	6.5	8.8	J	ug/m3	10	5/26/2021 10:56:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Methylene chloride	9.4	5.2		ug/m3	10	5/26/2021 10:56:00 PM
o-Xylene	1.4	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 5:03:00 PM
Styrene	0.89	0.64		ug/m3	1	5/26/2021 5:03:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Tetrahydrofuran	6.5	4.4		ug/m3	10	5/26/2021 10:56:00 PM
Toluene	5.2	0.57		ug/m3	1	5/26/2021 5:03:00 PM
trans-1,2-Dichloroethene	98	24		ug/m3	40	5/26/2021 11:39:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Trichloroethene	0.27	0.16		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-003A

Client Sample ID: IA-02
Tag Number: 231,344
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 5:47:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 5:47:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Acetone	17	7.1		ug/m3	10	5/27/2021 12:22:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 5:47:00 PM
Benzene	0.45	0.48	J	ug/m3	1	5/26/2021 5:47:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 5:47:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 5:47:00 PM
Carbon disulfide	0.62	0.47		ug/m3	1	5/26/2021 5:47:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 5:47:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 5:47:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 5:47:00 PM
Chloromethane	0.89	0.31		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 5:47:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 5:47:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Ethylbenzene	0.43	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 5:47:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-003A

Client Sample ID: IA-02
Tag Number: 231,344
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Heptane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 5:47:00 PM
Isopropyl alcohol	3.6	0.37		ug/m3	1	5/26/2021 5:47:00 PM
m&p-Xylene	1.2	1.3	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
Methyl Ethyl Ketone	6.2	8.8	J	ug/m3	10	5/27/2021 12:22:00 AM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Methylene chloride	5.7	0.52		ug/m3	1	5/26/2021 5:47:00 PM
o-Xylene	0.56	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 5:47:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 5:47:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Tetrahydrofuran	5.9	4.4		ug/m3	10	5/27/2021 12:22:00 AM
Toluene	3.5	0.57		ug/m3	1	5/26/2021 5:47:00 PM
trans-1,2-Dichloroethene	110	24		ug/m3	40	5/27/2021 1:04:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Trichloroethene	0.38	0.16		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-004A

Client Sample ID: SS-01
Tag Number: 347,1170
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 6:32:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 6:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 6:32:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Acetone	39	28		ug/m3	40	5/27/2021 2:30:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Benzene	0.35	0.48	J	ug/m3	1	5/26/2021 6:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 6:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 6:32:00 PM
Carbon disulfide	1.6	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/26/2021 6:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 6:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 6:32:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 6:32:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 6:32:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 6:32:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 6:32:00 PM
Ethyl acetate	0.76	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 6:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-004A

Client Sample ID: SS-01
Tag Number: 347,1170
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Heptane	1.7	0.61		ug/m3	1	5/26/2021 6:32:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Isopropyl alcohol	12	3.7		ug/m3	10	5/27/2021 1:48:00 AM
m&p-Xylene	0.69	1.3	J	ug/m3	1	5/26/2021 6:32:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl Ethyl Ketone	7.1	8.8	J	ug/m3	10	5/27/2021 1:48:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Methylene chloride	69	21		ug/m3	40	5/27/2021 2:30:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 6:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 6:32:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Tetrahydrofuran	20	4.4		ug/m3	10	5/27/2021 1:48:00 AM
Toluene	2.0	0.57		ug/m3	1	5/26/2021 6:32:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 2:30:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 6:32:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:

- . Results reported are not blank corrected
- DL Detection Limit
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection
- SC Sub-Contracted

Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-005A

Client Sample ID: SS-02
Tag Number: 222,1195
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 7:17:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 7:17:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Acetone	51	28		ug/m3	40	5/27/2021 3:54:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Benzene	0.61	0.48		ug/m3	1	5/26/2021 7:17:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 7:17:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 7:17:00 PM
Carbon disulfide	2.2	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/26/2021 7:17:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 7:17:00 PM
Chloroform	0.78	0.73		ug/m3	1	5/26/2021 7:17:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 7:17:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 7:17:00 PM
Ethyl acetate	0.50	0.54	J	ug/m3	1	5/26/2021 7:17:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 7:17:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-005A

Client Sample ID: SS-02
Tag Number: 222,1195
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	3.2	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Heptane	1.7	0.61		ug/m3	1	5/26/2021 7:17:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Isopropyl alcohol	7.6	3.7		ug/m3	10	5/27/2021 3:12:00 AM
m&p-Xylene	0.65	1.3	J	ug/m3	1	5/26/2021 7:17:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl Ethyl Ketone	9.1	8.8		ug/m3	10	5/27/2021 3:12:00 AM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 7:17:00 PM
Methylene chloride	120	21		ug/m3	40	5/27/2021 3:54:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 7:17:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 7:17:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Tetrahydrofuran	16	4.4		ug/m3	10	5/27/2021 3:12:00 AM
Toluene	5.7	0.57		ug/m3	1	5/26/2021 7:17:00 PM
trans-1,2-Dichloroethene	250	24		ug/m3	40	5/27/2021 3:54:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers:

- . Results reported are not blank corrected
- DL Detection Limit
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection
- SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-006A

Client Sample ID: Dup
Tag Number: 328,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 8:01:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 8:01:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 8:01:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Acetone	23	7.1		ug/m3	10	5/27/2021 4:37:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Benzene	0.45	0.48	J	ug/m3	1	5/26/2021 8:01:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 8:01:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 8:01:00 PM
Carbon disulfide	0.72	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	5/26/2021 8:01:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 8:01:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 8:01:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 8:01:00 PM
Chloromethane	1.0	0.31		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 8:01:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	5/26/2021 8:01:00 PM
Ethylbenzene	1.0	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 8:01:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-006A

Client Sample ID: Dup
Tag Number: 328,187
Collection Date: 5/21/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.5	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Heptane	120	25		ug/m3	40	5/27/2021 5:19:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Isopropyl alcohol	3.4	0.37		ug/m3	1	5/26/2021 8:01:00 PM
m&p-Xylene	3.2	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Ethyl Ketone	6.5	8.8	J	ug/m3	10	5/27/2021 4:37:00 AM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 8:01:00 PM
Methylene chloride	12	5.2		ug/m3	10	5/27/2021 4:37:00 AM
o-Xylene	1.3	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 8:01:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 8:01:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Tetrahydrofuran	6.8	4.4		ug/m3	10	5/27/2021 4:37:00 AM
Toluene	5.0	0.57		ug/m3	1	5/26/2021 8:01:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 5:19:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Trichloroethene	0.21	0.16		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-007A

Client Sample ID: Trip Blank
Tag Number: 284
Collection Date:
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 3:34:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 3:34:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Acetone	< 0.71	0.71		ug/m3	1	5/26/2021 3:34:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Benzene	< 0.48	0.48		ug/m3	1	5/26/2021 3:34:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 3:34:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 3:34:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	5/26/2021 3:34:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 3:34:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 3:34:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Freon 11	< 0.84	0.84		ug/m3	1	5/26/2021 3:34:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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Centek Laboratories, LLC

Date: 01-Jun-21

CLIENT: Envirospec Engineering
Lab Order: C2105056
Project: Green Island
Lab ID: C2105056-007A

Client Sample ID: Trip Blank
Tag Number: 284
Collection Date:
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Heptane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	5/26/2021 3:34:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 3:34:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 3:34:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/26/2021 3:34:00 PM
Toluene	< 0.57	0.57		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers:
 . Results reported are not blank corrected
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: AMB1UG-052621	SampType: MBLK	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 17678						
Client ID: ZZZZZ	Batch ID: R17678	TestNo: TO-15		Analysis Date: 5/26/2021	SeqNo: 201273						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.040	0.040									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:	.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: AMB1UG-052621		SampType: MBLK		TestCode: 0.20_NYS		Units: ppbV		Prep Date:		RunNo: 17678	
Client ID: ZZZZZ		Batch ID: R17678		TestNo: TO-15		Analysis Date: 5/26/2021		SeqNo: 201273			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.030	0.030									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.040	0.040									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers:	.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: AMB1UG-052621	SampType: MBLK	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 17678						
Client ID: ZZZZZ	Batch ID: R17678	TestNo: TO-15		Analysis Date: 5/26/2021	SeqNo: 201273						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Toluene	< 0.15	0.15
trans-1,2-Dichloroethene	< 0.15	0.15
trans-1,3-Dichloropropene	< 0.15	0.15
Trichloroethene	< 0.030	0.030
Vinyl acetate	< 0.15	0.15
Vinyl Bromide	< 0.15	0.15
Vinyl chloride	< 0.040	0.040

Sample ID: ALCS1UG-052621	SampType: LCS	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 17678						
Client ID: ZZZZZ	Batch ID: R17678	TestNo: TO-15	Analysis Date: 5/26/2021	SeqNo: 201274							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	0.9800	0.15	1	0	98.0	91.3	127				
1,1,2,2-Tetrachloroethane	1.030	0.15	1	0	103	78.7	121				
1,1,2-Trichloroethane	1.070	0.15	1	0	107	88.1	136				
1,1-Dichloroethane	1.040	0.15	1	0	104	86.1	123				
1,1-Dichloroethene	0.9200	0.040	1	0	92.0	70	94				
1,2,4-Trichlorobenzene	1.270	0.15	1	0	127	76.7	112				S
1,2,4-Trimethylbenzene	0.9500	0.15	1	0	95.0	74.3	123				
1,2-Dibromoethane	1.000	0.15	1	0	100	80.4	125				
1,2-Dichlorobenzene	1.100	0.15	1	0	110	79.5	143				
1,2-Dichloroethane	1.010	0.15	1	0	101	70.9	133				
1,2-Dichloropropane	1.110	0.15	1	0	111	91	134				
1,3,5-Trimethylbenzene	1.020	0.15	1	0	102	77.4	138				
1,3-butadiene	0.8900	0.15	1	0	89.0	71	144				
1,3-Dichlorobenzene	0.9900	0.15	1	0	99.0	84.7	128				
1,4-Dichlorobenzene	0.9900	0.15	1	0	99.0	77.9	131				
1,4-Dioxane	0.7800	0.30	1	0	78.0	85.1	135				S
2,2,4-trimethylpentane	1.080	0.15	1	0	108	86.9	126				
4-ethyltoluene	0.9600	0.15	1	0	96.0	77.5	133				

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: ALCS1UG-052621		SampType: LCS		TestCode: 0.20_NYS		Units: ppbV		Prep Date:		RunNo: 17678	
Client ID: ZZZZZ		Batch ID: R17678		TestNo: TO-15		Analysis Date: 5/26/2021		SeqNo: 201274			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.7600	0.30	1	0	76.0	80.2	145				S
Allyl chloride	1.100	0.15	1	0	110	86.6	117				
Benzene	1.100	0.15	1	0	110	88.9	122				
Benzyl chloride	0.7500	0.15	1	0	75.0	73.6	120				
Bromodichloromethane	1.060	0.15	1	0	106	84.3	133				
Bromoform	0.8500	0.15	1	0	85.0	44.6	149				
Bromomethane	0.9200	0.15	1	0	92.0	78.7	144				
Carbon disulfide	1.150	0.15	1	0	115	76.9	109				S
Carbon tetrachloride	0.9200	0.030	1	0	92.0	71	120				
Chlorobenzene	1.000	0.15	1	0	100	82.6	121				
Chloroethane	0.9100	0.15	1	0	91.0	67.1	146				
Chloroform	1.010	0.15	1	0	101	82.5	125				
Chloromethane	0.8700	0.15	1	0	87.0	71.1	154				
cis-1,2-Dichloroethene	0.9900	0.040	1	0	99.0	71.2	112				
cis-1,3-Dichloropropene	0.9800	0.15	1	0	98.0	90.3	137				
Cyclohexane	1.080	0.15	1	0	108	87	122				
Dibromochloromethane	0.9700	0.15	1	0	97.0	62.8	132				
Ethyl acetate	1.180	0.15	1	0	118	86.9	134				
Ethylbenzene	1.040	0.15	1	0	104	76.9	123				
Freon 11	0.9000	0.15	1	0	90.0	54.4	150				
Freon 113	1.030	0.15	1	0	103	83.4	124				
Freon 114	0.9200	0.15	1	0	92.0	82.4	144				
Freon 12	1.020	0.15	1	0	102	86.3	135				
Heptane	1.150	0.15	1	0	115	86.5	137				
Hexachloro-1,3-butadiene	1.580	0.15	1	0	158	78.7	120				S
Hexane	1.040	0.15	1	0	104	77.3	128				
Isopropyl alcohol	1.210	0.15	1	0	121	80.2	122				
m&p-Xylene	2.030	0.30	2	0	102	77.9	132				
Methyl Butyl Ketone	0.9300	0.30	1	0	93.0	69.4	131				
Methyl Ethyl Ketone	0.9600	0.30	1	0	96.0	71.5	117				
Methyl Isobutyl Ketone	1.030	0.30	1	0	103	63.5	141				

Qualifiers: . Results reported are not blank corrected DL Detection Limit E Estimated Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limit ND Not Detected at the Limit of Detection
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: ALCS1UG-052621	SampType: LCS	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 17678						
Client ID: ZZZZZ	Batch ID: R17678	TestNo: TO-15	Analysis Date: 5/26/2021	SeqNo: 201274							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9500	0.15	1	0	95.0	80.8	113				
Methylene chloride	1.090	0.15	1	0	109	87.8	123				
o-Xylene	1.120	0.15	1	0	112	80.5	139				
Propylene	1.180	0.15	1	0	118	96.2	135				
Styrene	0.9500	0.15	1	0	95.0	82.7	138				
Tetrachloroethylene	1.050	0.15	1	0	105	85.9	122				
Tetrahydrofuran	1.100	0.15	1	0	110	65.5	134				
Toluene	1.040	0.15	1	0	104	77.8	127				
trans-1,2-Dichloroethene	1.020	0.15	1	0	102	83.3	116				
trans-1,3-Dichloropropene	0.9700	0.15	1	0	97.0	84.8	134				
Trichloroethene	1.000	0.030	1	0	100	79.3	117				
Vinyl acetate	0.9700	0.15	1	0	97.0	70.5	101				
Vinyl Bromide	0.9000	0.15	1	0	90.0	81.4	142				
Vinyl chloride	0.8400	0.040	1	0	84.0	70.4	138				

Sample ID: ALCS1UGD-052621	SampType: LCSD	TestCode: 0.20_NYS	Units: ppbV	Prep Date:				RunNo: 17678			
Client ID: ZZZZZ	Batch ID: R17678	TestNo: TO-15		Analysis Date: 5/27/2021				SeqNo: 201275			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.030	0.15	1	0	103	91.3	127	0.98	4.98	0	
1,1,2,2-Tetrachloroethane	1.080	0.15	1	0	108	78.7	121	1.03	4.74	0	
1,1,2-Trichloroethane	1.160	0.15	1	0	116	88.1	136	1.07	8.07	0	
1,1-Dichloroethane	1.070	0.15	1	0	107	86.1	123	1.04	2.84	0	
1,1-Dichloroethene	0.8900	0.040	1	0	89.0	70	94	0.92	3.31	0	
1,2,4-Trichlorobenzene	1.070	0.15	1	0	107	76.7	112	1.27	17.1	0	
1,2,4-Trimethylbenzene	0.9000	0.15	1	0	90.0	74.3	123	0.95	5.41	0	
1,2-Dibromoethane	1.020	0.15	1	0	102	80.4	125	1	1.98	0	
1,2-Dichlorobenzene	1.040	0.15	1	0	104	79.5	143	1.1	5.61	0	
1,2-Dichloroethane	1.040	0.15	1	0	104	70.9	133	1.01	2.93	0	
1,2-Dichloropropane	1.180	0.15	1	0	118	91	134	1.11	6.11	0	

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: ALCS1UGD-052621		SampType: LCSD		TestCode: 0.20_NYS		Units: ppbV		Prep Date:		RunNo: 17678	
Client ID: ZZZZZ		Batch ID: R17678		TestNo: TO-15		Analysis Date: 5/27/2021		SeqNo: 201275			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	0.9800	0.15	1	0	98.0	77.4	138	1.02	4.00	0	
1,3-butadiene	0.9300	0.15	1	0	93.0	71	144	0.89	4.40	0	
1,3-Dichlorobenzene	0.9900	0.15	1	0	99.0	84.7	128	0.99	0	0	
1,4-Dichlorobenzene	1.010	0.15	1	0	101	77.9	131	0.99	2.00	0	
1,4-Dioxane	0.8200	0.30	1	0	82.0	85.1	135	0.78	5.00	0	S
2,2,4-trimethylpentane	1.140	0.15	1	0	114	86.9	126	1.08	5.41	0	
4-ethyltoluene	0.9400	0.15	1	0	94.0	77.5	133	0.96	2.11	0	
Acetone	0.7300	0.30	1	0	73.0	80.2	145	0.76	4.03	0	S
Allyl chloride	1.080	0.15	1	0	108	86.6	117	1.1	1.83	0	
Benzene	1.140	0.15	1	0	114	88.9	122	1.1	3.57	0	
Benzyl chloride	0.7800	0.15	1	0	78.0	73.6	120	0.75	3.92	0	
Bromodichloromethane	1.120	0.15	1	0	112	84.3	133	1.06	5.50	0	
Bromoform	0.8200	0.15	1	0	82.0	44.6	149	0.85	3.59	0	
Bromomethane	0.9800	0.15	1	0	98.0	78.7	144	0.92	6.32	0	
Carbon disulfide	1.130	0.15	1	0	113	76.9	109	1.15	1.75	0	S
Carbon tetrachloride	0.9800	0.030	1	0	98.0	71	120	0.92	6.32	0	
Chlorobenzene	1.050	0.15	1	0	105	82.6	121	1	4.88	0	
Chloroethane	0.9500	0.15	1	0	95.0	67.1	146	0.91	4.30	0	
Chloroform	1.030	0.15	1	0	103	82.5	125	1.01	1.96	0	
Chloromethane	0.9100	0.15	1	0	91.0	71.1	154	0.87	4.49	0	
cis-1,2-Dichloroethene	0.9800	0.040	1	0	98.0	71.2	112	0.99	1.02	0	
cis-1,3-Dichloropropene	1.020	0.15	1	0	102	90.3	137	0.98	4.00	0	
Cyclohexane	1.130	0.15	1	0	113	87	122	1.08	4.52	0	
Dibromochloromethane	0.9600	0.15	1	0	96.0	62.8	132	0.97	1.04	0	
Ethyl acetate	1.180	0.15	1	0	118	86.9	134	1.18	0	0	
Ethylbenzene	1.050	0.15	1	0	105	76.9	123	1.04	0.957	0	
Freon 11	0.9400	0.15	1	0	94.0	54.4	150	0.9	4.35	0	
Freon 113	1.050	0.15	1	0	105	83.4	124	1.03	1.92	0	
Freon 114	0.9800	0.15	1	0	98.0	82.4	144	0.92	6.32	0	
Freon 12	1.050	0.15	1	0	105	86.3	135	1.02	2.90	0	
Heptane	1.200	0.15	1	0	120	86.5	137	1.15	4.26	0	

Qualifiers:	.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: ALCS1UGD-052621		SampType: LCSD		TestCode: 0.20_NYS		Units: ppbV		Prep Date:		RunNo: 17678	
Client ID: ZZZZZ		Batch ID: R17678		TestNo: TO-15		Analysis Date: 5/27/2021		SeqNo: 201275			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	1.560	0.15	1	0	156	78.7	120	1.58	1.27	0	S
Hexane	1.040	0.15	1	0	104	77.3	128	1.04	0	0	
Isopropyl alcohol	0.7700	0.15	1	0	77.0	80.2	122	1.21	44.4	0	S
m&p-Xylene	2.020	0.30	2	0	101	77.9	132	2.03	0.494	0	
Methyl Butyl Ketone	0.9600	0.30	1	0	96.0	69.4	131	0.93	3.17	0	
Methyl Ethyl Ketone	1.030	0.30	1	0	103	71.5	117	0.96	7.04	0	
Methyl Isobutyl Ketone	1.020	0.30	1	0	102	63.5	141	1.03	0.976	0	
Methyl tert-butyl ether	0.9100	0.15	1	0	91.0	80.8	113	0.95	4.30	0	
Methylene chloride	1.080	0.15	1	0	108	87.8	123	1.09	0.922	0	
o-Xylene	1.030	0.15	1	0	103	80.5	139	1.12	8.37	0	
Propylene	1.070	0.15	1	0	107	96.2	135	1.18	9.78	0	
Styrene	0.9600	0.15	1	0	96.0	82.7	138	0.95	1.05	0	
Tetrachloroethylene	1.050	0.15	1	0	105	85.9	122	1.05	0	0	
Tetrahydrofuran	1.100	0.15	1	0	110	65.5	134	1.1	0	0	
Toluene	1.040	0.15	1	0	104	77.8	127	1.04	0	0	
trans-1,2-Dichloroethene	1.010	0.15	1	0	101	83.3	116	1.02	0.985	0	
trans-1,3-Dichloropropene	1.000	0.15	1	0	100	84.8	134	0.97	3.05	0	
Trichloroethene	1.050	0.030	1	0	105	79.3	117	1	4.88	0	
Vinyl acetate	0.9100	0.15	1	0	91.0	70.5	101	0.97	6.38	0	
Vinyl Bromide	0.9300	0.15	1	0	93.0	81.4	142	0.9	3.28	0	
Vinyl chloride	0.9000	0.040	1	0	90.0	70.4	138	0.84	6.90	0	

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

Attachment 5
DUSR

**DATA USABILITY SUMMARY REPORT
GREEN ISLAND RI, GREEN ISLAND, NEW YORK**

Client: Envirospec Engineering, LLC, Albany, New York
SDG: C2105056
Laboratory: Centek Laboratories, LLC, Syracuse, New York
Site: Green Island RI, Green Island, New York
Date: July 19, 2021

EDS ID	Client ID	Laboratory ID	Matrix
1	OA-1	C2105056-001A	Air
2	IA-01	C2105056-002A	Air
3	IA-02	C2105056-003A	Air
4	SS-01	C2105056-004A	Air
5	SS-02	C2105056-005A	Air
6	DUP	C2105056-006A	Air
7	TRIP BLANK	C2105056-007A	Air

A Data Usability Summary Review was performed on the analytical data for six air samples and one air trip blank collected on May 21, 2021 by Envirospec Engineering at the Green Island Remedial Investigation site in Green Island, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis
VOCs

Method References
USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA Region II Data Validation Standard Operating Procedures (SOP) as follows:

- The USEPA Region II SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- Surrogate Compound Recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision
- Tentatively Identified Compounds (TICs)

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the data quality indicator criteria as detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased. For a severely low %R (<10%), non-detect results are rejected (R) and are unusable for project objectives.

LCS ID	Compound	%R	Qualifier	Affected Samples
ALCSIUG-052621	1,2,4-Trichlorobenzene	127%	None	All Samples ND
	1,4-Dioxane	78%	UJ	All Samples
	Acetone	75%	J/UJ	
	Carbon Disulfide	115%	J	1-6
	Hexachloro-1,3-butadiene	158%	None	All Samples ND

Surrogate Compound Recoveries

- All samples exhibited acceptable surrogate recoveries.

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Trip Blank

- Field QC sample results are summarized in the table below.

Blank ID	Compound	Conc. ug/m3	Qualifier	Affected Samples
TRIP BLANK	None - ND	-	-	-

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent deviation (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/26/21	1,2,4-Trichlorobenzene	39.6%	UJ	All Samples
	Hexachloro-1,3-butadiene	95.7%	UJ	

Compound Quantitation

- Several samples were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was unacceptable for isopropyl alcohol. These results were qualified as estimated (J).

Compound	IA-01 ug/m ³	DUP ug/m ³	RPD	Qualifier
1,2,4-Trimethylbenzene	0.93	0.79	16%	None
Acetone	36	23	44%	
Benzene	0.48	0.45	6%	
Carbon Disulfide	0.75	0.72	4%	

Compound	IA-01 ug/m ³	DUP ug/m ³	RPD	Qualifier
Carbon Tetrachloride	0.50	0.38	27%	None
Chloromethane	0.99	1.0	1%	
cis-1,2-Dichloroethene	0.32	0.16U	NC	
Ethyl Acetate	0.58	0.54U	NC	
Ethylbenzene	1.1	1.0	10%	
Freon 11	1.5	1.2	22%	
Freon 12	2.6	2.5	4%	
Heptane	85	120	34%	
Isopropyl Alcohol	6.1	3.4	57%	
m&p-Xylene	3.3	3.2	3%	J None
Methyl Ethyl Ketone	6.5	6.5	0%	
Methyl Isobutyl Ketone	1.3	1.5	14%	
Methylene Chloride	9.4	12	24%	
o-Xylene	1.4	1.3	7%	
Styrene	0.89	0.77	14%	
Tetrahydrofuran	6.5	6.8	5%	
Toluene	5.2	5.0	4%	
trans-1,2-Dichloroethene	98	100	2%	
Trichloroethene	0.27	0.21	25%	

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed:

Nancy Weaver
Nancy Weaver
Senior Chemist

Dated: 7/19/21

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering
 Lab Order: C2105056
 Project: Green Island
 Lab ID: C2105056-001A

Client Sample ID: OA-01
 Tag Number: 333,266
 Collection Date: 5/21/2021
 Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trichlorobenzene	< 1.1 <i>uJ</i>	1.1		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trimethylbenzene	0.54	0.74	J	ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloropropane	< 0.89	0.89		ug/m3	1	5/26/2021 4:18:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 4:18:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dioxane	< 1.1 <i>uJ</i>	1.1		ug/m3	1	5/26/2021 4:18:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 4:18:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Acetone	24 <i>J</i>	7.1		ug/m3	10	5/26/2021 10:13:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Benzene	0.42	0.48	J	ug/m3	1	5/26/2021 4:18:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 4:18:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 4:18:00 PM
Carbon disulfide	0.47 <i>J</i>	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 4:18:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 4:18:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 4:18:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 4:18:00 PM
Chloromethane	0.93	0.31		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 4:18:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Freon 11	1.3	0.84		ug/m3	1	5/26/2021 4:18:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers: SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 Ht Holding times for preparation or analysis exceeded
 JN Non-routine analyte, Quantitation estimated
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 DL Detection Limit

Page 1 of 14

NW 7/18/21

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: OA-01

Lab Order: C2105056

Tag Number: 333,266

Project: Green Island

Collection Date: 5/21/2021

Lab ID: C2105056-001A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15		Analyst: RJP
Freon 12	2.7	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Heptane	0.74	0.81		ug/m3	1	5/26/2021 4:18:00 PM
Hexachloro-1,3-butadiene	< 1.6 <i>uJ</i>	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Hexane	0.49	0.53	J	ug/m3	1	5/26/2021 4:18:00 PM
Isopropyl alcohol	3.1	0.37		ug/m3	1	5/26/2021 4:18:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Methylene chloride	3.7	0.52		ug/m3	1	5/26/2021 4:18:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 4:18:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 4:18:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/26/2021 4:18:00 PM
Toluene	1.0	0.57		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Trichloroethene	0.54	0.16		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers:

SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering
 Lab Order: C2105056
 Project: Green Island
 Lab ID: C2105056-002A

Client Sample ID: 1A-01
 Tag Number: 1195.187
 Collection Date: 5/21/2021
 Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trichlorobenzene	< 1.1 uJ	1.1		ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 5:03:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dioxane	< 1.1 uJ	1.1		ug/m3	1	5/26/2021 5:03:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 5:03:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Acetone	36 J	7.1		ug/m3	10	5/26/2021 10:56:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 5:03:00 PM
Benzene	0.48	0.48		ug/m3	1	5/26/2021 5:03:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 5:03:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 5:03:00 PM
Carbon disulfide	0.75 J	0.47		ug/m3	1	5/26/2021 5:03:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 5:03:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 5:03:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 5:03:00 PM
Chloromethane	0.99	0.31		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 5:03:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Ethyl acetate	0.58	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Ethylbenzene	1.1	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Freon 11	1.5	0.84		ug/m3	1	5/26/2021 5:03:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers: SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 N Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: 1A-01

Lab Order: C2105056

Tag Number: 1195,187

Project: Green Island

Collection Date: 5/21/2021

Lab ID: C2105056-002A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Heptane	85	25		ug/m3	40	5/26/2021 11:39:00 PM
Hexachloro-1,3-butadiene	< 1.6 <i>WJ</i>	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Isopropyl alcohol	6.1 <i>J</i>	3.7		ug/m3	10	5/26/2021 10:56:00 PM
m&p-Xylene	3.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Ethyl Ketone	6.6	8.8	<i>J</i>	ug/m3	10	5/26/2021 10:56:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Methylene chloride	9.4	5.2		ug/m3	10	5/26/2021 10:56:00 PM
o-Xylene	1.4	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 5:03:00 PM
Styrene	0.89	0.64		ug/m3	1	5/26/2021 5:03:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Tetrahydrofuran	8.5	4.4		ug/m3	10	5/26/2021 10:56:00 PM
Toluene	5.2	0.57		ug/m3	1	5/26/2021 5:03:00 PM
trans-1,2-Dichloroethene	98	24		ug/m3	40	5/26/2021 11:39:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Trichloroethene	0.27	0.16		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers: SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 E Holding times for preparation or analysis exceeded
 EN Non-routine analyte, Quantitations estimated,
 S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jan-21

CLIENT: EnviroSpec Engineering
 Lab Order: C2105056
 Project: Green Island
 Lab ID: C2105056-003A

Client Sample ID: 1A-02
 Tag Number: 231,344
 Collection Date: 5/26/2021
 Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 5:47:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
2,2,4-Trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 5:47:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Acetone	17	7.1		ug/m3	10	5/27/2021 12:22:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 5:47:00 PM
Benzene	0.45	0.48	J	ug/m3	1	5/26/2021 5:47:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 5:47:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Bromoforn	< 1.6	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 5:47:00 PM
Carbon disulfide	0.62	0.47	J	ug/m3	1	5/26/2021 5:47:00 PM
Carbon tetrachloride	0.60	0.19		ug/m3	1	5/26/2021 5:47:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 5:47:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 5:47:00 PM
Chloromethane	0.89	0.31		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 5:47:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 5:47:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Ethylbenzene	0.43	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 5:47:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers: SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 N Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: 1A-02

Lab Order: C2105056

Tag Number: 231,344

Project: Green Island

Collection Date: 5/21/2021

Lab ID: C2105056-003A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Heptane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
Hexachloro-1,3-butadiene	< 1.6 <i>4J</i>	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Hexane	< 0.63	0.63		ug/m3	1	5/26/2021 5:47:00 PM
Isopropyl alcohol	3.6	0.37		ug/m3	1	5/26/2021 5:47:00 PM
m&p-Xylene	1.2	1.3	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
Methyl Ethyl Ketone	6.2	8.8	J	ug/m3	10	5/27/2021 12:22:00 AM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Methylene chloride	6.7	0.62		ug/m3	1	5/26/2021 5:47:00 PM
o-Xylene	0.66	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 5:47:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 5:47:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Tetrahydrofuran	6.9	4.4		ug/m3	10	5/27/2021 12:22:00 AM
Toluene	3.5	0.67		ug/m3	1	5/26/2021 5:47:00 PM
trans-1,2-Dichloroethane	110	24		ug/m3	40	5/27/2021 1:04:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Trichloroethane	0.38	0.16		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers:

- SC: Sub-Contracted
- B: Analyte detected in the associated Method Blank
- H: Holding times for preparation or analysis exceeded
- JN: Non-routine analyte. Quantitation estimated.
- S: Spike Recovery outside accepted recovery limits

- E: Results reported are not blank corrected
- E: Estimated Value above quantitation range
- J: Analyte detected below quantitation limit
- NID: Not Detected at the Limit of Detection
- DL: Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: SS-01

Lab Order: C2105056

Tag Number: 347,1170

Project: Green Island

Collection Date: 5/21/2021

Lab ID: C2105056-004A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethane	< 0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trichlorobenzene	< 1.1 WJ	1.1		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 6:32:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 6:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dioxane	< 1.1 WJ	1.1		ug/m3	1	5/26/2021 6:32:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 6:32:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Acetone	39 J	28		ug/m3	40	5/27/2021 2:39:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Benzene	0.35	0.48 J		ug/m3	1	5/26/2021 6:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 6:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 6:32:00 PM
Carbon disulfide	1.6 J	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/26/2021 6:32:00 PM
Chlorobenzene	< 0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 6:32:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 6:32:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 6:32:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 6:32:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 6:32:00 PM
Ethyl acetate	0.76	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 6:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:	SC	Sub-Contracted		Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank		E Estimated Value above quantitation range
	FI	Flushing times for preparation or analysis exceeded		J Analyte detected below quantitation limit
	NU	Non-routine analyte, Quantitation estimated.		ND Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: SS-01

Lab Order: C2105056

Tag Number: 347,1170

Project: Green Island

Collection Date: 5/21/2021

Lab ID: C2105056-004A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Heptane	1.7	0.61		ug/m3	1	5/26/2021 6:32:00 PM
Hexachloro-1,3-butadiene	< 1.6 <i>WJ</i>	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Isopropyl alcohol	12	3.7		ug/m3	10	5/27/2021 1:48:00 AM
m&p-Xylene	0.69	1.3	J	ug/m3	1	5/26/2021 6:32:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl Ethyl Ketone	7.1	8.9	J	ug/m3	10	5/27/2021 1:48:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Methylene chloride	69	21		ug/m3	40	5/27/2021 2:30:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 6:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 6:32:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Tetrahydrofuran	20	4.4		ug/m3	10	5/27/2021 1:48:00 AM
Toluene	2.0	0.57		ug/m3	1	5/26/2021 6:32:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 2:30:00 AM
trans-1,3-Dichloropropene	< 0.88	0.88		ug/m3	1	5/26/2021 6:32:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:

- SC Sub-Contracted
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- N Non-routine analyte. Quantitation estimated
- S Spike Recovery outside accepted recovery limits

- Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection
- DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering
 Lab Order: C2105056
 Project: Green Island
 Lab ID: C2105056-005A

Client Sample ID: SS-02
 Tag Number: 222,1195
 Collection Date: 5/21/2021
 Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trichlorobenzene	< 1.1 WJ	1.1		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 7:17:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dioxane	< 1.1 WJ	1.1		ug/m3	1	5/26/2021 7:17:00 PM
2,2,4-Trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 7:17:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Acetone	51 J	28		ug/m3	40	5/27/2021 3:54:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Benzene	0.61	0.48		ug/m3	1	5/26/2021 7:17:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 7:17:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Bromoforn	< 1.6	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 7:17:00 PM
Carbon disulfide	2.2 J	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/26/2021 7:17:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 7:17:00 PM
Chloroform	0.78	0.73		ug/m3	1	5/26/2021 7:17:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 7:17:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 7:17:00 PM
Ethyl acetate	0.50	0.54 J		ug/m3	1	5/26/2021 7:17:00 PM
Ethylbenzene	< 0.66	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 7:17:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers: SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 E Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: Envirospec Engineering
 Lab Order: C2105056
 Project: Green Island
 Lab ID: C2105056-005A

Client Sample ID: SS-02
 Tag Number: 222,1195
 Collection Date: 5/21/2021
 Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	3.2	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Heptane	1.7	0.81		ug/m3	1	5/26/2021 7:17:00 PM
Hexachloro-1,3-butadiene	< 1.6 <i>WJ</i>	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Isopropyl alcohol	7.8	3.7		ug/m3	10	5/27/2021 3:12:00 AM
m&p-Xylene	0.65	1.3	J	ug/m3	1	5/26/2021 7:17:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl Ethyl Ketone	9.1	8.8		ug/m3	10	5/27/2021 3:12:00 AM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 7:17:00 PM
Methylene chloride	120	21		ug/m3	40	5/27/2021 3:54:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 7:17:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 7:17:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Tetrahydrofuran	16	4.4		ug/m3	10	5/27/2021 3:12:00 AM
Toluene	5.7	0.57		ug/m3	1	5/26/2021 7:17:00 PM
trans-1,2-Dichloroethene	250	24		ug/m3	40	5/27/2021 3:54:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers:	SC	Sub-Contracted	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E Estimated Value above quantitation range
	HI	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limit
	IN	Non-routine analyte. Quantitation estimated.	ND Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: Dup

Lab Order: C2105056

Tag Number: 328,187

Project: Green Island

Collection Date: 5/21/2021

Lab ID: C2105056-006A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trichlorobenzene	< 1.1 <i>uJ</i>	1.1		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 8:01:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 8:01:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dioxane	< 1.1 <i>uJ</i>	1.1		ug/m3	1	5/26/2021 8:01:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 8:01:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Acetone	23 <i>J</i>	7.1		ug/m3	10	5/27/2021 4:37:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Benzene	0.45	0.48 <i>J</i>		ug/m3	1	5/26/2021 8:01:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 8:01:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 8:01:00 PM
Carbon disulfide	0.72 <i>J</i>	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	5/26/2021 8:01:00 PM
Chlorobenzene	< 0.59	0.59		ug/m3	1	5/26/2021 8:01:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 8:01:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 8:01:00 PM
Chloromethane	1.0	0.31		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 8:01:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	5/26/2021 8:01:00 PM
Ethylbenzene	1.0	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 8:01:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers: SC Sub-Contracted

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

IN Non-routine analyte, Quantitation estimated

S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

E Estimated Value above quantitation range

J Analyte detected below quantitation limit

ND Not Detected at the Limit of Detection

DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: Dup

Lab Order: C2105056

Tag Number: 328,187

Project: Green Island

Collection Date: 5/21/2021

Lab ID: C2105056-006A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.5	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Heptane	120	25		ug/m3	40	5/27/2021 5:19:00 AM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Hexene	< 0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Isopropyl alcohol	3.4 J	0.37		ug/m3	1	5/26/2021 8:01:00 PM
m&p-Xylene	3.2	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Ethyl Ketone	6.5	6.8 J		ug/m3	10	5/27/2021 4:37:00 AM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 8:01:00 PM
Methylene chloride	12	5.2		ug/m3	10	5/27/2021 4:37:00 AM
o-Xylene	1.3	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 8:01:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 8:01:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Tetrahydrofuran	6.8	4.4		ug/m3	10	5/27/2021 4:37:00 AM
Toluene	5.0	0.57		ug/m3	1	5/26/2021 8:01:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 5:19:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Trichloroethene	0.21	0.16		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers:

SC Sub-Contracted

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

N Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Estimated Value above quantitation range

J Analyte detected below quantitation limit

ND Not Detected at the Limit of Detection

DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: Trip Blank

Lab Order: C2105056

Tag Number: 284

Project: Green Island

Collection Date:

Lab ID: C2105056-007A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trichlorobenzene	< 1.1 <i>WJ</i>	1.1		ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 3:34:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dioxane	< 1.1 <i>WJ</i>	1.1		ug/m3	1	5/26/2021 3:34:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 3:34:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Acetone	< 0.71 <i>WJ</i>	0.71		ug/m3	1	5/26/2021 3:34:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Benzene	< 0.48	0.48		ug/m3	1	5/26/2021 3:34:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 3:34:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 3:34:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	5/26/2021 3:34:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 3:34:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 3:34:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Freon 11	< 0.84	0.84		ug/m3	1	5/26/2021 3:34:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers: SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 N Non-routine analyte. Quantitation estimated
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT: EnviroSpec Engineering

Client Sample ID: Trip Blank

Lab Order: C2105056

Tag Number: 284

Project: Green Island

Collection Date:

Lab ID: C2105056-007A

Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Heptane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
Hexachloro-1,3-butadiene	< 1.6 <i>uJ</i>	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	5/26/2021 3:34:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 3:34:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 3:34:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/26/2021 3:34:00 PM
Toluene	< 0.57	0.57		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers: SC Sub-Contracted
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 N Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

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 E Estimated Value above quantitation range
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 ND Not Detected at the Limit of Detection
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