



GALSON

**Mr. Greg Dean
QuES&T
1376 Route 9
Wappingers Falls, NY 12590**

October 25, 2019

Account# 14655

Login# L496340

Dear Greg Dean:

Enclosed are the analytical results for the samples received by our laboratory on October 24, 2019. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

A handwritten signature in black ink that reads 'Lisa Swab'. The signature is written in a cursive, flowing style.

**Lisa Swab
Laboratory Director**

Enclosure(s)

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at <http://www.sgsgalson.com> in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and Regulation	Lab ID: 1042	Mold Analysis Laboratory license

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms



GALSON

LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : QuES&T
Site : 28&30 PINEY POINT
Project No. : Q19-2924
Date Sampled : 22-OCT-19
Date Received : 24-OCT-19

Account No.: 14655
Login No. : L496340
Date Analyzed : 24-OCT-19
Report ID : 1167332

Respirable Dust

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>mg</u>	<u>Conc</u> <u>mg/m3</u>
2924-01 DOWN THE HIL	L496340-1	542.5	<0.050	<0.092
2924-02 NEXT TO NEIG	L496340-2	555	<0.050	<0.090
2924-04	L496340-3	NA	<0.050	NA
2924-03 ON THE STREE	L496340-4	587.5	<0.050	<0.085
2924-05	L496340-5	NA	<0.050	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg
Analytical Method : mod. NIOSH 0600; Gravimetric
Collection Media : PVC PW 37mm

Submitted by: ALK
Date : 24-OCT-19
Supervisor : CMP

Approved by: CMP



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Site : 28&30 PINEY POINT
Project No. : Q19-2924
Date Sampled : 22-OCT-19
Date Received : 24-OCT-19

Account No.: 14655
Login No. : L496340
Date Analyzed : 24-OCT-19 - 25-OCT-19
Report ID : 1167488

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

<u>Sample ID</u>	<u>Lab ID</u>	<u>Analyte</u>	<u>Air Vol</u> <u>l</u>	<u>ug</u>	<u>ug/m3</u>
2924-01 DOWN THE HIL	L496340-1	Quartz	542.5	<5.0	<9.2
		Cristobalite	542.5	<5.0	<9.2
		Tridymite	542.5	<20	<37
		RCS	542.5	<5.0	<9.2
2924-02 NEXT TO NEIG	L496340-2	Quartz	555	<5.0	<9.0
		Cristobalite	555	<5.0	<9.0
		Tridymite	555	<20	<36
		RCS	555	<5.0	<9.0
2924-04	L496340-3	Quartz	NA	<5.0	NA
		Cristobalite	NA	<5.0	NA
		Tridymite	NA	<20	NA
		RCS	NA	<5.0	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: APG
Date : 25-OCT-19
Supervisor : KRK

Approved by: NLO/KRK



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Client : QuES&T
Site : 28&30 PINEY POINT
Project No. : Q19-2924
Date Sampled : 22-OCT-19
Date Received : 24-OCT-19

Account No.: 14655
Login No. : L496340
Date Analyzed : 24-OCT-19 - 25-OCT-19
Report ID : 1167488

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

<u>Sample ID</u>	<u>Lab ID</u>	<u>Analyte</u>	<u>Air Vol</u> <u>l</u>	<u>ug</u>	<u>ug/m3</u>
2924-03 ON THE STREE	L496340-4	Quartz	587.5	<5.0	<8.5
		Cristobalite	587.5	<5.0	<8.5
		Tridymite	587.5	<20	<34
		RCS	587.5	<5.0	<8.5
2924-05	L496340-5	Quartz	NA	<5.0	NA
		Cristobalite	NA	<5.0	NA
		Tridymite	NA	<20	NA
		RCS	NA	<5.0	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: APG
Date : 25-OCT-19
Supervisor : KRK

Approved by: NLO/KRK



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LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
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Client Name : QuES&T
Site : 28&30 PINEY POINT
Project No. : Q19-2924

Date Sampled : 22-OCT-19
Date Received: 24-OCT-19
Date Analyzed: 24-OCT-19 - 25-OCT-19

Account No.: 14655
Login No. : L496340

L496340 (Report ID: 1167332):

SOPs: GRAV-SOP-5(26), GRAV-SOP-6(21)
Gravimetric analytical accuracy of the sampling media is 0.002 +/- 0.018 mg (average blank weight change +/- 95% confidence interval or k=2). The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.

L496340 (Report ID: 1167488):

The reported RCS value is based on recoveries of silica polymorphs (Quartz, Cristobalite, and/or Tridymite) greater than the reporting level. The presence of silica below the reporting level cannot be ruled out. When all polymorph results are below the reporting level, RCS defaults to the lowest polymorph concentration. The calibration standard used for Tridymite analysis is not NIST traceable; however, when Tridymite is detected above the reporting level, it is included in the RCS calculation.
SOPs: ix-xrdreview(15), ix-xrdashprep(33), ix-calibrate(13), ix-xrdstdprep(29)

L496340 (Report ID: 1167488):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Cristobalite	+/-11.1%	94.5%
Quartz	+/-12.1%	90.5%
Tridymite	+/-14.8%	97%

1ZA0A4042508124021

Date: 10/24/19

Shipper: UPS

Initials: MAK



Prep: UNKNOWN

L496340
GALSON

CHAIN OF CUSTODY

R244
RUSH

Turn Around Time (TAT): (surcharge)

<input type="checkbox"/>	Standard	0%
<input type="checkbox"/>	4 Business Days	35%
<input type="checkbox"/>	3 Business Days	50%
<input type="checkbox"/>	2 Business Days	75%
<input type="checkbox"/>	Next Day by 6pm	100%
<input checked="" type="checkbox"/>	Next Day by Noon	150%
<input type="checkbox"/>	Same Day	200%

☒ Samples submitted using the FreePumpLoan™ Program☐ Samples submitted using the FreeSamplingBadges™ ProgramClient Acct No.: [NEW] Report To: Greg Dean

14655

Company Name: QuES&TAddress 1: 1376 Route 9

Address 2:

Original Prep No.:

City, State Zip: Wappingers Falls, NY 12590Country: USA

Online COC No.:

Phone No.: 845 - 298 - 6031

194167

Cell No.: 914 - 621 - 2188Email reports to: gdean@qualityenv.com

Comments:

Invoice To: Mrs. Angela HolzapfelCompany Name: QuES&TAddress 1: 1376 Route 9

Address 2:

City, State Zip: Wappingers Falls, NY 12590

Phone No.:

Email Address:

Comments:

P.O. No.:

Payment info.: ☐ I will call SGS Galson to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments:

Perimeter samples during drilling

State Sampled:

NY

Please indicate which OEL(s) this data will be used for:

☒ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA☐ IAQ: ☐ Other:

Specify Limit(s)

Specify Other

Site Name: 28 & 30 PINEY POINTProject: Q19-2924Sampled By: J. HollimanList description of industry or Process/interferences present in sampling area:
rock drilling

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in ² , cm ² , ft ²	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
2924-01 Down The Hill	10/22/2019	3pc 37mm PW PVC	542.5	L	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust) (silica, cristobalite, & tridymite)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time	Print Name / Signature	Date	Time
Relinquished By:	<u>Greg Dean</u> SIGNED ELECTRONICALLY	<u>10/23/2019</u>	<u>10:46</u>	Received By:		
Relinquished By:				Received By: <u>Michelle Krause</u>	<u>10/24/19</u>	<u>1008</u>

Samples received after 3pm will be considered as next day's business.

Online COC No.: 194167

Prep No.:

Account No.: 14655

Finalized: 10/23/2019 10:45:42 AM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: <http://www.sgs.com/en/Terms-and-Conditions.aspx>

SGS

GALSON

CHAIN OF CUSTODY

RUSH

Comments :

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in ² , cm ² , ft ²	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
2924-02 <i>Next to Neighbors Porch</i>	10/22/2019	3pc 37mm PW PVC	555	L	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust) (XXXXXXXXXX)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
2924-04	10/22/2019	3pc 37mm PW PVC	N/A (BLANK)	N/A	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
2924-03 <i>on The Street Top of Hill</i>	10/22/2019	3pc 37mm PW PVC	587.5	L	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust) (XXXXXXXXXX)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
2924-05		3pc 37mm PW PVC	N/A (BLANK)	N/A	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Greg Dean SIGNED ELECTRONICALLY	10/23/2019	10:46	Received By :			
Relinquished By :				Received By :	Michelle Krause <i>M. Krause</i>	10/24/19	1008

Samples received after 3pm will be considered as next day's business.

Online COC No. : 194167

Prep No. :

Account No. : 14655

Finalized : 10/23/2019 10:45:42 AM

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