

August 19, 2019

Quaker Valley School District
100 Leetsdale Industrial Drive, Suite B
Leetsdale, PA 15056

RE: Property Located at - 210 Campmeeting Road
Sewickley, PA 15143

Dear Dr. Marrone:

At the request of Dr. Joseph Marrone, representing the Quaker Valley School District, representative suspect asbestos containing materials were inspected and sampled for asbestos content. The inspection was conducted on August 16, 2019. AGX, Inc. was represented by Mr. Scott May, a Certified Pennsylvania Asbestos Building Inspector (# 011152).

A total of ten (10) samples of suspect asbestos containing building materials were collected and analyzed by the AGX, Inc. laboratory, which is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). This analysis was performed using Polarized Light Microscopy (PLM) with dispersion staining, the Environmental Protection Agency (EPA) recommended method for bulk asbestos analysis.

An asbestos containing material (ACM) is defined by the EPA as "any material containing more than one percent (1%), by weight, of asbestos of any type or mixture of types".

Of the ten (10) suspect asbestos samples collected, zero (0) were determined to contain asbestos.

If there are any questions concerning this report, please do not hesitate to contact me.

Sincerely,

AGX, Inc.



Scott May
Environmental Specialist

Bulk Sample Log and Summary of Analysis

210 Campmeeting Road, Sewickley, PA15143

| Sample Number | Description | Location | Percent Asbestos |
|----------------------|--------------------|----------------------------|------------------------------|
| S-1 | Excavated Soil | Former Debris Staging Area | 0% |
| S-2 | Excavated Soil | Former Debris Staging Area | 0% |
| S-3 | Excavated Soil | Former Debris Staging Area | 0% |
| S-4 | Excavated Soil | Former Debris Staging Area | 0% |
| S-5 | Excavated Soil | Former Debris Staging Area | 0% |
| S-6 | Excavated Soil | Former Debris Staging Area | 0% |
| S-7 | Roof Shingle/Paper | Former Pump House | 0% in Shingle 0% in Paper |
| S-8 | Roof Shingle/Paper | Former Pump House | 0% in Shingle 0% in Paper |
| S-9 | Roof Shingle/Paper | Former Pump House | 0% in Shingle 0% in Paper |
| S-10 | Motor Gasket | Former Pump House | 0% |

Laboratory Report

REPORT OF BULK SAMPLE ANALYSIS

Report To: Quaker Valley School District
Attn: Accounts Payable
100 Leetsdale Industrial Drive, Suite B
Leetsdale, PA 15056

Attention: Dr. Joseph Marrone

Project: 210 Campmeeting Road
Sewickley, PA 15143


Lab No: 1908170
Customer Code: QVS
Customer No: Verbal
Sampled by: AGX, Inc.
Date Received: August 19, 2019
Date Analyzed: August 19, 2019
Date Reported: August 19, 2019

| Sample I.D. | 691527 | 691528 | 691529 |
|---|--------------------------------------|--|--|
| Customer I.D. Sample Description: | S-1 Soil Former Debris Pile | S-2 Soil Former Debris Pile | S-3 Soil Former Debris Pile |
| Is It Homogeneous? | No | No | No |
| Does It Contain Layers? | No | No | No |
| Is the Sample Fibrous? | Yes | Yes | Yes |
| Sample Color: | Brown | Brown | Brown |
| Does the Sample Contain Asbestos Fibers? | No | No | No |
| Asbestos Type Present: (Type and Percent) | None | None | None |
| Total Percent Asbestos: | 0% | 0% | 0% |
| Other Fibrous Materials (Type and Percent) | Cellulose 8-9% Organic 2-3% | Fibrous Glass <1% Cellulose 11-12% Organic 2-3% | Cellulose 13-14% Organic 2-3% |
| Nonfibrous Constituents | Not Analyzed | Not Analyzed | Not Analyzed |

Sample analyzed according to EPA Method EPA/600/R-93/116. Results are reported as estimates of percent area, subject to variability and are specific for material analyzed. Reports cannot be duplicated, except in full, without written consent of AGX, Inc. Reports may not be altered by customer. AGX, Inc. is Accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program for selected test methods for analysis of bulk samples by Polarized Light Microscopy. NVLAP LAB CODE: 101578-0. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Results reported herein relate only to the samples tested and identified above. Polarized Light Microscopy may not be consistently reliable in the detection of asbestos in tightly organically bound materials. The EPA recommends that these samples, found to contain no asbestos by PLM, be re-analyzed by Quantitative Transmission Electron Microscopy. Estimation of uncertainty of measurement data for samples with >1.0% asbestos concentration can be provided upon request.

Reviewed and
Approved By: 

AGX, Inc. Daniel Winkle
Laboratory Manager

Analyzed By: 

AGX, Inc. Gary Landini
Analyst

REPORT OF BULK SAMPLE ANALYSIS

Report To: Quaker Valley School District
Attn: Accounts Payable
100 Leetsdale Industrial Drive, Suite B
Leetsdale, PA 15056

Attention: Dr. Joseph Marrone

Project: 210 Campmeeting Road
Sewickley, PA 15143

Lab No: 1908170
Customer Code: QVS
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Date Received: August 19, 2019
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| Sample I.D. | 691530 | 691531 | 691532 |
|---|-----------------------------------|---------------------------------------|--------------------------------------|
| Customer I.D. Sample Description: | S-4 Soil Former Debris Pile | S-5 Soil Former Debris Pile | S-6 Soil Former Debris Pile |
| Is It Homogeneous? | No | No | No |
| Does It Contain Layers? | No | No | No |
| Is the Sample Fibrous? | Yes | Yes | Yes |
| Sample Color: | Brown | Brown | Brown |
| Does the Sample Contain Asbestos Fibers? | No | No | No |
| Asbestos Type Present: (Type and Percent) | None | None | None |
| Total Percent Asbestos: | 0% | 0% | 0% |
| Other Fibrous Materials (Type and Percent) | Fibrous Glass <1% | Cellulose 9-10% Organic 2-3% | Cellulose 7-8% Organic 1-2% |
| Nonfibrous Constituents | Not Analyzed | Not Analyzed | Not Analyzed |

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Approved By: 
AGX, Inc. Daniel Winkle
Laboratory Manager

Analyzed By: 
AGX, Inc. Gary Landini
Analyst

AGX, Inc.

- Air Monitoring
- Testing Laboratory
- Project Management
- Surveys

REPORT OF BULK SAMPLE ANALYSIS

Report To: Quaker Valley School District
Attn: Accounts Payable
100 Leetsdale Industrial Drive, Suite B
Leetsdale, PA 15056
Attention: Dr. Joseph Marrone
Project: 210 Campmeeting Road
Sewickley, PA 15143

Lab No: 1908170
Customer Code: QVS
Customer No: Verbal
Sampled by: AGX, Inc.
Date Received: August 19, 2019
Date Analyzed: August 19, 2019
Date Reported: August 19, 2019

| Sample I.D. | 691533 | 691534 | 691535 |
|---|--|--|--|
| Customer I.D. Sample Description: | S-7 Roof Shingle/Paper Former Shed | S-8 Roof/Shingle Paper Former Shed | S-9 Roof Shingle/Paper Former Shed |
| Is It Homogeneous? | No | No | No |
| Does It Contain Layers? | Yes | Yes | Yes |
| Is the Sample Fibrous? | Yes | Yes | Yes |
| Sample Color: | Green/Black | Green/Black | Green/Black |
| Does the Sample Contain Asbestos Fibers? | No | No | No |
| Asbestos Type Present: (Type and Percent) | None | None | None |
| Total Percent Asbestos: | 0% | 0% | 0% |
| Other Fibrous Materials (Type and Percent) | Cellulose 38-40% Organic 1-2% | Cellulose 43-45% Organic 2-3% | Cellulose 38-40% Organic 2-3% |
| Nonfibrous Constituents | Not Analyzed | Not Analyzed | Not Analyzed |

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Reviewed and
Approved By: 

AGX, Inc. Daniel Winkle
Laboratory Manager

Analyzed By: 

AGX, Inc. Gary Landini
Analyst

REPORT OF BULK SAMPLE ANALYSIS

Report To: Quaker Valley School District
 Attn: Accounts Payable
 100 Leetsdale Industrial Drive, Suite B
 Leetsdale, PA 15056

Attention: Dr. Joseph Marrone

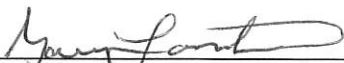
Project: 210 Campmeeting Road
 Sewickley, PA 15143

Lab No: 1908170
 Customer Code: QVS
 Customer No: Verbal
 Sampled by: AGX, Inc.
 Date Received: August 19, 2019
 Date Analyzed: August 19, 2019
 Date Reported: August 19, 2019

| | | | |
|---|-------------------------------------|--|--|
| Sample I.D. | 691536 | | |
| Customer I.D. Sample Description: | S-10 Motor Gasket Former Shed | | |
| Is It Homogeneous? | No | | |
| Does It Contain Layers? | Yes | | |
| Is the Sample Fibrous? | No | | |
| Sample Color: | Gray | | |
| Does the Sample Contain Asbestos Fibers? | No | | |
| Asbestos Type Present: (Type and Percent) | None | | |
| Total Percent Asbestos: | 0% | | |
| Other Fibrous Materials (Type and Percent) | Cellulose <1% | | |
| Nonfibrous Constituents | Not Analyzed | | |

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Reviewed and
 Approved By: 
 AGX, Inc. Daniel Winkle
 Laboratory Manager

Analyzed By: 
 AGX, Inc. Gary Landini
 Analyst

Laboratory Report



RJ Lee Group, Inc.
 350 Hochberg Road, Monroeville, PA 15146
 Tel: (724) 325-1776 | Fax: (724) 733-1799

LABORATORY REPORT

Amended to correct client project #

AGX, Inc.
 207 Pine Creek Road
 Wexford, PA 15090-9228
 Attn: Mark DeFloria
 Phone: 724-934-4249
 Email: mdefloria@agxinc.com

RJ Lee Group Job No.: PA190820190018
 Samples Received: August 19, 2019
 Report Date: August 21, 2019
 Client Project: Pump House
 Purchase Order No.: N/A
 Matrix: Solid
 Prep/Analysis: EPA 3050B / EPA 7000B-Paint

Rev.01

| Client Sample ID | RJ Lee Group ID | Sampling Date | Analyte | Sample Concentration | | Minimum Reporting Limit | | Analysis Date | Q |
|---------------------|--------------------|---------------|---------|----------------------|---------------------------------|-------------------------|---------------------------------|---------------|---|
| | | | | Weight Percent (%) | Parts per Million (PPM) - mg/kg | Weight Percent (%) | Parts per Million (PPM) - mg/kg | | |
| QVL-01 Siding | PA190820190018-001 | 08/16/2019 | Lead | 6.1 | 61000 | 0.017 | 170 | 8/20/2019 | A |
| QVL-02 Door | PA190820190018-002 | 08/16/2019 | Lead | 0.037 | 370 | 0.017 | 170 | 8/20/2019 | A |
| QVL-03 Door Frame | PA190820190018-003 | 08/16/2019 | Lead | 3.7 | 37000 | 0.0100 | 100 | 8/20/2019 | A |
| QVL-04 Window Frame | PA190820190018-004 | 08/16/2019 | Lead | 2.7 | 27000 | 0.013 | 130 | 8/20/2019 | A |

Comments:

Report Qualifiers (Q):

- P : PA-DEP Accredited (PA DEP Lab ID 02-00396, NELAP)
- N : NY ELAP Accredited (NY ELAP Lab Code 10884)
- C : CA ELAP Accredited (CA ELAP Certificate 1970)
- A : AIHA-LAP, LLC Accredited (Lab ID 100364)
- : Test (matrix-matrix-preparation-analysis) is performed under RJLG's General Quality System requirements and is not part of any of the above scopes of accreditations

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of thirty (30) days before discarding. A shipping and handling fee will be assessed for the return of any samples. This laboratory operates in accord with ISO 17025:2005 guidelines, and holds a limited scope of accreditations under different accrediting agencies; refer to <http://www.rjlg.com/about-us/accreditations/> for more information and current status. Unless it is specifically stated otherwise (under the Q column using the appropriate accrediting agency qualifier(s)) the work contained in this report is performed under RJLG's General Quality System requirements and is not part of any scope of accreditations. This report may not be used to claim product endorsement by any laboratory accrediting agency. The results contained in this report relate only to the items tested or to the sample(s) as received by the laboratory. Any reproduction of this document must be in full for the report to be valid.

Unless otherwise noted (either in the comments section of the report and/or with the appropriate qualifiers (Q) column) the following apply: (a) Samples were received in good condition, (b) All QC samples are within acceptable established limits, (c) All samples designated as NELAP meet the requirements of the NELAC standard; if not applicable qualifiers will be used to designate the non-compliance and (d) Results have not been blank corrected. Quality Control data is available upon request.

- E = Value above highest calibration standard
- J = Value below lowest calibration standard but above MDL (Method Detection Limit)
- L = LCS (Laboratory Control Standard)/SRM (Standard Reference Material) recovery outside accepted recovery limits
- H = Holding times for preparation or analysis exceeded

- B = Analyte detected in the associated Method Blank
- S = Spike Recovery outside accepted limits
- R = RPD (relative percent difference) outside accepted limits
- D = RL (reporting limit verification) outside accepted limits
- NP = Not Provided

Melissa Scully
 Melissa Scully



DAILY FIELD REPORT

500 Cherrington Pkwy, Suite 210, Moon Twp, PA 15108 • Phone 410-316-7800 • Fax 410-316-7885

| | | | |
|---------------------|------------------------------|--------------------|-------------|
| Project: | Quaker Valley SD Soil Screen | Date: | 8/21/2019 |
| Task No.: | | Inspector: | Seth Cheney |
| KCI Job No.: | | Contractor: | |

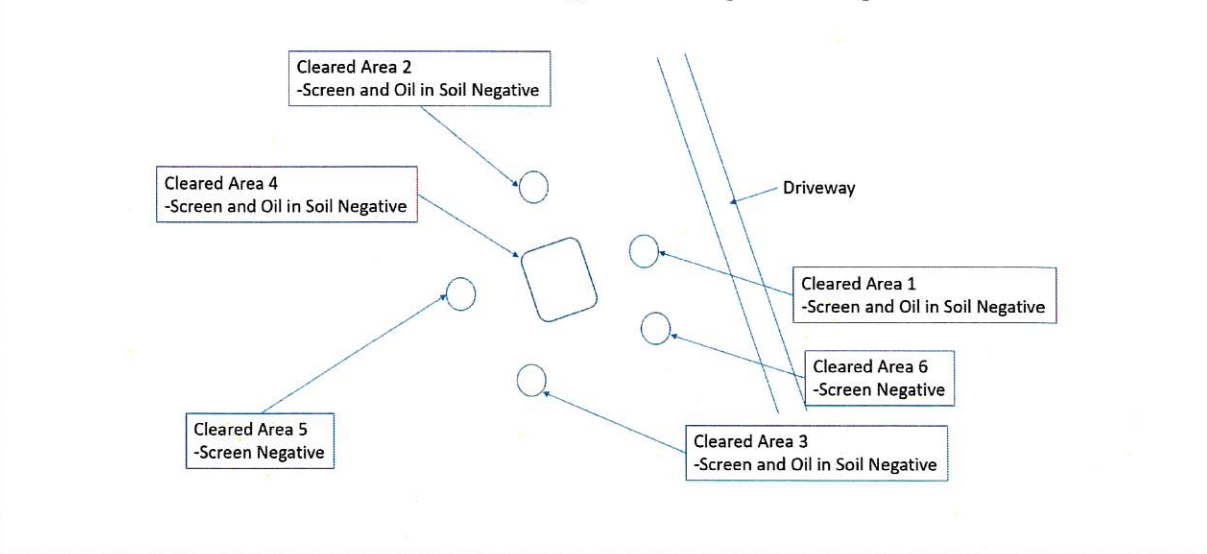
| | | | |
|------------------------|----------|-----------------|-----------|
| Arrival Time: | 9:30 am | Weather: | Sunny, 70 |
| Departure Time: | 10:30 am | Mileage: | |

Project Description:

Screen surface soil for the presence of petroleum from past contractor storage and maintenance area.

Activities:

Scott May from AGX and Seth Cheney KCI met Joe from Quaker Valley at 9:30 8/21/2019. Joe directed us to the reported site of petroleum product storage and potential spill and cleared the general area of vegetation. Scott used a weed wacker to expose six (6) areas of soil within the suspect area. Soil was excavated to 3" deep from each of the six (6) areas with a spade and hand trowel. No visual evidence or petroleum smell was observed at any location. Four (4) Oil-in-Soil kits were prepared with soil aliquots from the referenced locations – all results were negative for the presence of petroleum.



Comments, Deficiencies, etc.:

INSPECTOR: _____
(Signature)

CONTRACTOR: _____
(Signature)