PRE-DEMOLITION SURVEY

FOR

ASBESTOS-CONTAINING MATERIALS

FOR THE

PETER WINKELMAN BUILDING

AT

101 GREENWAY AVENUE
SYRACUSE, NEW YORK

APRIL 2013

PREPARED FOR:

Arcadis of New York, Inc.
6723 Towpath Rd
East Syracuse, New York

Prepared by:

South Side Innovation Center
2610 South Salina Street, Suite 2B
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WATTS
ARCHITECTURE &
ENGINEERING

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ARCADIS OF NEW YORK, INC
6723 TOWPATH ROAD
EAST SYRACUSE, NEW YORK

PREPARED BY:

WATTS ARCHITECTURE & ENGINEERING
2610 SOUTH SALINA STREET
SYRACUSE, NEW YORK

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1.0 - EXECUTIVE SUMMARY

1.0 EXECUTIVE SUMMARY

Watts Architecture & Engineering (Watts) was retained by Arcadis of New York, Inc. (Arcadis) to perform a survey for asbestos-containing materials (ACM) associated with the abandoned building at the Peter Winkelman property in Syracuse, New York. With one exception, the scope of the survey was limited to a small portion of the building's east side where future environmental remedial actions may be conducted. Due to the limited reach of the lift boom, samples of skylight window glazing compound were collected outside of the limited study area. The samples were collected from a similar window/construction type present at the north end of the building where the lift could provide safe access for personnel to collect the required samples. The purpose of the testing was to identify ACMs that may be impacted during the remedial activities.

The field work was conducted on April 4, 2013 and included the following:

- A review of existing drawings indicating the project limits and the proposed scope of work.
- A visual site inspection of the project limits to identify suspect ACM to be sampled and analyzed.
- Collection and laboratory analysis of samples from each identified suspect material.
- Documentation of bulk sample locations on roof-plan drawings and chain-of-custody forms.

ASBESTOS-CONTAINING MATERIALS

The inspection included the collection of fifty-four (54) bulk samples representing twenty-seven (27) homogeneous materials that may be impacted during future environmental remedial activities. Based on the sampling and laboratory analysis, and visual observations, **the following asbestos-containing materials were identified:**

Main Pitched Roof and Primary Building

- Light grey roof tar associated with roof flashing;
- Black roof tar;
- Grey rolled roofing;
- Green roof shingles. This non-friable material is in poor condition and has fallen from roof and impacted the surrounding area;
- Grey window glazing compound associated with 1' x 2' windows on side of building. This non-friable material is in poor condition and has fallen from roof and impacted the surrounding area;
- White window glazing compound associated with skylight windows (sampled at north end of the building, beyond limited study area);
- Grey paint on corrugated metal siding; and
- Aircell pipe insulation on one overhead pipe running through the study area. This friable material is in poor condition and has fallen from above and impacted the underlying area.

Small 2-Level Bumpout on East Side

- Roof flashing;
- Tarpaper roof membrane;

Single level 'office' area on east side

- Light grey roof tar;
- Roof flashing; and
- Tar paper/roof membrane.

Please note that there is a considerable amount of construction and demolition (C&D) debris and yard waste inside and adjacent to the outside of the building that has been contaminated by the above-identified ACMs.

NON-ASBESTOS-CONTAINING MATERIALS

The following materials have been tested by Watts as part of this investigation and determined to be non-ACM:

- Black coal tar pitch vapor barrier on pitched roof of primary building;
- Lightweight concrete roof deck on pitched roof of primary building;
- Brick;
- Brick mortar;
- Cinder block concrete masonry units (CMUs);
- White roof shingle on small eastern bumpout roof;
- Lightweight concrete roof deck associated with roof over single-level 'office' area;
- Black tar at edge of roof over single-level 'office' area;
- Lightweight concrete roof deck associated with flat roof of primary building;
- Tar/tarpaper roofing membrane on flat roof of primary building;
- Drywall in single-level 'office' area;
- Drywall joint compound in single-level 'office' area;
- 2' x 4' suspended ceiling tiles in single-level 'office' area; and
- Tar/control joint sealant between concrete floor slab sections in primary building.

SAMPLING AND LABORATORY METHODOLOGY

A NYSDOL-certified asbestos inspector from Watts collected bulk samples of all suspect ACM that was identified within the project limits that had not been previously tested. Bulk samples were collected using simple hand tools from each matrix identified as a potential ACM.

Samples were delivered with the proper chain-of-custody forms to a New York State accredited laboratory that is a participant in the Environmental Laboratory Approval Program (ELAP) and National Voluntary Laboratory Approval Program (NVLAP).

All materials, except non-friable organically bound (NOB) materials, were analyzed using Polarized Light Microscopy (PLM) using ELAP Method 198.1. NOBs, which include but are not limited to, roofing tars and tar membranes, mastics, window caulks, and floor tiles underwent gravimetric reduction prior to being analyzed by Transmission Electron Microscopy (TEM) under ELAP Method 198.4. The New York State Department of Health (NYSDOH) protocol requires analysis by TEM if the PLM analysis does not confirm the presence of asbestos. Given the results of the PLM analyses, and as per the clients prescribed sampling and analysis protocol, two of each set of three NOB materials that were found to be negative under PLM were then analyzed by TEM.

It is the belief of Watts that this testing has identified all ACM associated within the project limits that will be disturbed by the project. However, if additional suspect materials are identified during the construction period have not been previously sampled or sampled as part of this assessment, it is recommended that samples of each material be collected and analyzed for asbestos content.

A drawing indicating approximate sample locations, chain-of-custody forms, laboratory results, laboratory accreditation, consultant's certifications and license are included in this report. Refer to the appropriate sections for this information.

2.0 – ASBESTOS-CONTAINING MATERIALS

2.0 ASBESTOS-CONTAINING MATERIALS

The following Homogeneous Materials List identifies materials sampled, their corresponding sample numbers, and summary of analytical data. Also included in this section is a drawing identifying the approximate asbestos bulk sample locations, analytical laboratory data, and chain-of-custody forms.

HOMOGENEOUS MATERIALS LIST

Peter Winkleman Property
Abandoned Building

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Lt grey silver roof tar on primary bldg	Pitched roof at square vent Pitched roof at round vent	M	13032-1 13032-2	8.1% Chrysotile 11.5% Chrysotile	NA NA	Y
Black roof tar on primary bldg	Pitched roof at round vent Pitched roof east edge	M	13032-3 13032-4	2.1% Chrysotile 15.4% Chrysotile	NA NA	Y
Grey rolled roofing on primary bldg	Pitched roof at round vent Pitched roof east edge	M	13032-5 13032-6	32.2% Chrysotile 26% Chrysotile	NA NA	Y
Green roof shingles on primary bldg	Pitched roof at round vent Pitched roof east edge	M	13032-7 13032-8	2.8% Chrysotile 2.5% Chrysotile	NA NA	Y
Black coal-tar pitch vapor barrier on primary bldg	Pitched roof at round vent Pitched roof east edge	M	13032-9 13032-10	<0.25% Chrysotile NAD	Chrysotile Trace Chrysotile Trace	N
Lightweight concrete roof deck on primary bldg	Pitched roof edge Pitched roof east edge	M	13032-11 13032-12	NAD NAD	NA NA	N
Roof flashing with embedded fiberglass	Pitched roof edge Small bumpout roof	M	13032-13 13032-14	NAD 4.2% Chrysotile	NAD NA	Y
Brick mortar	Edge of pitched roof Edge of small bumpout	M	13032-15 13032-16	NAD NAD	NA NA	N
Brick	Edge of pitched roof Edge of small bumpout	M	13032-17 13032-18	NAD NAD	NA NA	N

HOMOGENEOUS MATERIALS LIST

Peter Winkleman Property
Abandoned Building

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Cinder block CMUs	Edge of pitched roof Edge of small bumpout	M	13032-19 13032-20	NAD NAD	NA NA	N
White shingle flashing on small bumpout roof	NEC of small bumpout SEC of small bumpout	M	13032-21 13032-22	NAD NAD	Chrysotile Trace Chrysotile Trace	N
Tarpaper roof membrane on small bumpout roof	**NEC of small bumpout SEC of small bumpout**	**M**	**13032-23 13032-24**	**NAD 26.8% Chrysotile**	**NA NA**	**Y**
Grey paint on corrugated siding	**Over small bumpout East side of primary bldg**	**M**	**13032-25 13032-26**	**NAD NAD**	**1.1% Chrysotile NA/PS**	**Y**
Grey window glazing compound on 1' x 2' windows	**East side of primary bldg East side of primary bldg**	**M**	**13032-27 13032-28**	**2.3% Chrysotile NA/PS**	**NA NA**	**Y**
Lightweight concrete roof deck of 'office' area	South edge – from below South edge – from top	M	13032-29 13032-30	NAD NAD	NA NA	N
Black tar on roof of 'office' area	South edge of roof Southwest corner of roof	M	13032-31 13032-32	<1% Chrysotile NAD	Chrysotile Trace NAD	N
Silver/grey flashing tar on roof of 'office' area	**South edge of roof Southwest corner of roof**	**M**	**13032-33 13032-34**	**18.7% Chrysotile NA/PS**	**NA NA**	**Y**
Flashing membrane on roof of 'office' area	**South edge of roof Southwest corner of roof**	**M**	**13032-35 13032-36**	**9.0% Chrysotile NA/PS**	**NA NA**	**Y**
Tar/tarpaper membrane on roof of 'office' area	**South edge of roof Southwest corner of roof**	**M**	**13032-37 13032-38**	**17.2% Chrysotile NA/PS**	**NA NA**	**Y**
Lightweight concrete ceiling deck of primary bldg flat roof	East edge – from bottom East edge - from top	M	13032-39 13032-40	NAD NAD	NA NA	N

HOMOGENEOUS MATERIALS LIST

Peter Winkleman Property
Abandoned Building

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Tar/tarpaper membrane of primary bldg flat roof	East edge Southwest corner	M	13032-41 13032-42	NAD NAD	NAD NAD	N
Drywall in 'office' area	SE corner office east wall SW corner office N wall	M	13032-43 13032-44	NAD NAD	NA NA	N
Drywall joint compound in 'office' area	SE corner office east wall SW corner office N wall	M	13032-45 13032-46	NAD NAD	NA NA	N
2' x 4' suspended ceiling tile in 'office' area	Southeast corner office Southwest corner office	M	13032-47 13032-48	NAD NAD	NAD NAD	N
White window glazing compound on skylight window	North end of building North end of building	M	13032-49 13032-50	1.9% Chrysotile NA/PS	NA NA	Y
Aircell pipe insulation	Interior pipe running N/S Debris pile below pipe	T	13032-51 13032-52	80% Chrysotile NA/PS	NA NA	Y
Tar/sealant in concrete floor slab control joints	Interior floor slab joint Interior floor slab joint	M	13032-53 13032-54	NAD NAD	Chrysotile Trace Chrysotile Trace	N

Abbreviations:

NA - Not analyzed
NAD - No asbestos detected
NA/PS – Not Analyzed/Positive Stop

NEC – Northeast corner
SEC – Southeast corner
N/S – North/South

PLM – Polarized Light Microscopy
TEM – Transmission Electron Microscopy

Type
M = Miscellaneous
T = Thermal System

ACM
Y = Yes
N = No

2.1 – LABORATORY REPORT AND CHAIN-OF-CUSTODY FORMS

Client Name: Watts Architecture & Engineers

Table I

Summary of Bulk Asbestos Analysis Results

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	13032-1		0.247	64.4	13.3	14.2	Chrysotile 8.1	NA
Location:	Lt Grey/Silver Roof Tar Associated With Flashing - Pitched Roof; Top Square Vent North End Of Scope Extent							
02	13032-2		0.400	63.8	4.4	20.2	Chrysotile 11.5	NA
Location:	Lt Grey/Silver Roof Tar Associated With Flashing - Pitched Roof; Side Of Round Vent - North End Of Scope Extent							
03	13032-3		0.308	87.2	2.6	8.2	Chrysotile 2.1	NA
Location:	Black Roof Tar - Pitched Roof; Next To Round Vent - North End Of Scope Extent							
04	13032-4		0.564	62.2	3.1	19.2	Chrysotile 15.4	NA
Location:	Black Roof Tar - Pitched Roof; SEC of scope extent of pitched roof							
05	13032-5		0.144	32.5	3.1	32.2	Chrysotile 32.2	NA
Location:	Grey Rolled Roofing - Pitched Roof; Next To Round Vent - North End Of Scope Extent							
06	13032-6		0.306	38.1	3.4	32.5	Chrysotile 26.0	NA
Location:	Grey Rolled Roofing - Pitched Roof; SEC of scope extent of pitched roof							
07	13032-7		1.382	55.3	11.5	30.4	Chrysotile 2.8	NA
Location:	Green Roof Shingle - Pitched Roof; Next To Round Vent - North End Of Scope Extent							
08	13032-8		1.145	61.9	6.6	29.0	Chrysotile 2.5	NA
Location:	Green Roof Shingle - Pitched Roof; SEC of scope extent of pitched roof							
09	13032-9		0.666	78.3	13.2	8.4	Chrysotile <0.25	Chrysotile Trace
Location:	Black Coal Tar Pitch Vapor Barrier - Pitched Roof; Next To Round Vent - North End Of Scope Extent							
10	13032-10		0.291	66.0	2.7	31.2	NAD	Chrysotile Trace
Location:	Black Coal Tar Pitch Vapor Barrier - Pitched Roof; SEC of scope extent of pitched roof							
11	13032-11		----	----	----	----	NAD	NA
Location:	Lightweight Concrete Roof Deck - Pitch Roof; Next To Round Vent - North End Of Scope Extent - Top Side							
12	13032-12		----	----	----	----	NAD	NA
Location:	Lightweight Concrete Roof Deck - Pitch Roof; SEC of scope extent of pitched roof- from beneath							
13	13032-13		0.498	24.9	40.8	34.3	NAD	NAD
Location:	Roof Flashing (With Embeded Fiberglass); North End Of Pitched Roof							
14	13032-14		0.914	92.8	1.9	1.1	Chrysotile 4.2	NA
Location:	Roof Flashing (With Embeded Fiberglass); North End Of Small Bumpout Roof							
15	13032-15	1	----	----	----	----	NAD	NA
Location:	Brick Mortar; North End Of Pitched Roof							
16	13032-16	1	----	----	----	----	NAD	NA
Location:	Brick Mortar; SEC Of Small Bumpout At SEC Of Scope Extent							

See Reporting notes on last page

Client Name: Watts Architecture & Engineers

Table I
Summary of Bulk Asbestos Analysis Results

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	13032-17	2	----	----	----	----	NAD	NA
Location:	Brick Typical Size - Grey Lava-Like; North End Of Pitched Roof							
18	13032-18	2	----	----	----	----	NAD	NA
Location:	Brick Typical Size - Grey Lava-Like; SEC Of Small Bumpout at SEC Of Scope Extent							
19	13032-19	3	----	----	----	----	NAD	NA
Location:	Cinder Block (CMU) Typical Size - Grey Lava-Like; North End Of Pitched Roof							
20	13032-20	3	----	----	----	----	NAD	NA
Location:	Cinder Block (CMU) Typical Size - Grey Lava-Like; SEC Of Small Bumpout At SEC Of Scope Extent							
21	13032-21	4	0.742	52.9	3.9	43.0	NAD	Chrysotile Trace
Location:	Roof Shingle Used As Flashing On Small Bumpout Roof; NEC Of Small Bumpout At SEC Of Scope Extent							
22	13032-22	4	0.607	47.5	4.2	48.2	NAD	Chrysotile Trace
Location:	Roof Shingle Used As Flashing On Small Bumpout Roof; SEC Of Small Bumpout At SEC Of Scope Extent							
23	13032-23	5	1.033	83.0	6.0	11.0	NAD	NA
Location:	Tarpaper Roof Membrane On Small Bumpout Roof; NEC Of Small Bumpout At SEC Of Scope Extent							
24	13032-24	5	1.660	57.0	9.5	6.7	Chrysotile 26.8	NA
Location:	Tarpaper Roof Membrane On Small Bumpout Roof; SEC Of Small Bumpout At SEC Of Scope Extent							
25	13032-25	6	0.372	56.2	5.5	37.1	NAD	Chrysotile 1.1
Location:	Grey Paint On Corrugated Metal Siding, Flashing, And Structureal Steel; Over Small Bumpout At SEC Of Scope Extent							
26	13032-26	6	0.263	23.6	11.2	65.2	NAD	NA/PS
Location:	Grey Paint On Corrugated Metal Siding, Flashing, And Structureal Steel; East Side Of Main Portion Of Building Above Windows							
27	13032-27	7	0.713	35.8	35.1	26.8	Chrysotile 2.3	NA
Location:	Grey Window Glazing Compound On 1'x2' Windows On East Side Of Bldg; NEC Of Scope Extent							
28	13032-28	7	0.557	10.0	54.3	35.8	NA/PS	NA
Location:	Grey Window Glazing Compound On 1'x2' Windows On East Side Of Bldg; NEC Of Scope Extent							
29	13032-29	8	----	----	----	----	NAD	NA
Location:	Lightweight Concrete Roof Deck; South Edge Of East Single-Level Buildout (From Below)							
30	13032-30	8	----	----	----	----	NAD	NA
Location:	Lightweight Concrete Roof Deck; South Edge Of East Single-Level Buildout (From Above)							
31	13032-31	9	0.390	94.8	1.0	4.1	Chrysotile <1	Chrysotile Trace
Location:	Black Tar; South Edge Of East Single-Level Buildout							
32	13032-32	9	0.483	88.9	1.4	9.6	NAD	NAD
Location:	Black Tar; SWC Of East Single-Level Buildout							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	13032-33	10	0.599	68.2	3.9	9.3	Chrysotile 18.7	NA
Location:	Silver/Grey Flashing Tar; South Edge Of East Single-Level Buildout							
34	13032-34	10	0.991	45.4	26.5	28.2	NA/PS	NA
Location:	Silver/Grey Flashing Tar; SWC Of East Single-Level Buildout							
35	13032-35	11	0.590	66.7	22.1	2.3	Chrysotile 9.0	NA
Location:	Flashing Membrane; South Edge Of East Single-Level Buildout							
36	13032-36	11	0.378	48.0	6.5	45.5	NA/PS	NA
Location:	Flashing Membrane; SWC Of East Single-Level Buildout							
37	13032-37	12	0.486	63.0	2.7	17.2	Chrysotile 17.2	NA
Location:	Tar/Tarpaper Roofing Membrane; South Edge Of East Single-Level Buildout							
38	13032-38	12	0.885	72.8	1.4	25.8	NA/PS	NA
Location:	Tar/Tarpaper Roofing Membrane; SWC Of East Single-Level Buildout							
39	13032-39	13	----	----	----	----	NAD	NA
Location:	Lightweight Concrete Roof Deck Over Flat Roof; East Edge - From Bottom							
40	13032-40	13	----	----	----	----	NAD	NA
Location:	Lightweight Concrete Roof Deck Over Flat Roof; East Edge - From Top							
41	13032-41	14	0.944	83.2	4.4	12.4	NAD	NAD
Location:	Tar/Tarpaper Roofing Membrane; East Edge							
42	13032-42	14	1.055	90.8	3.6	5.6	NAD	NAD
Location:	Tar/Tarpaper Roofing Membrane; SEC Of Flat Roof							
43	13032-43	15	----	----	----	----	NAD	NA
Location:	Drywall In Single-Level Buildout; SEC "Office" - East Wall							
44	13032-44	15	----	----	----	----	NAD	NA
Location:	Drywall In Single-Level Buildout; SWC "Office" - NEC Wall							
45	13032-45	16	----	----	----	----	NAD	NA
Location:	Drywall Joint Compound In Single-Level Buildout; SEC "Office" - East Wall							
46	13032-46	16	----	----	----	----	NAD	NA
Location:	Drywall Joint Compound In Single-Level Buildout; SWC "Office" - NEC Wall							
47	13032-47	17	0.385	27.4	12.8	59.8	NAD	NAD
Location:	2'x4' Ceiling Tile In Single-Level Buildout; SEC "Office" - On Ground							
48	13032-48	17	0.211	24.9	10.7	64.5	NAD	NAD
Location:	2'x4' Ceiling Tile In Single-Level Buildout; SWC "Office" - NEC Wall							

See Reporting notes on last page

Client Name: Watts Architecture & Engineers

Table I
Summary of Bulk Asbestos Analysis Results

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
49	13032-49	18	0.458	5.4	69.8	22.9	Chrysotile 1.9	NA
Location:	White Window Glazing Compound On Skylights; Extreme North End Of Building (Beyond Scope Extent Area)							
50	13032-50	18	0.344	9.1	67.0	23.9	NA/PS	NA
Location:	White Window Glazing Compound On Skylights; Extreme North End Of Building (Beyond Scope Extent Area)							
51	13032-51	19	----	----	----	----	Chrysotile 80.0	NA
Location:	Aircell Pipe Insulation (Inside Main Building); 2" Pipe Running N/S Near Ceiling Through Scope Extent Area							
52	13032-52	19	----	----	----	----	NA/PS	NA
Location:	Aircell Pipe Insulation (Inside Main Building); Debris Pile Below 2" Pipe Running Through Scope Extent Area							
53	13032-53	20	1.280	84.1	3.2	12.6	NAD	Chrysotile Trace
Location:	Tar/Sealant In Concrete Floor Slab Joint; West Edge Of Scope Extent (Inside Building)							
54	13032-54	20	1.277	92.8	0.6	6.5	NAD	Chrysotile Trace
Location:	Tar/Sealant In Concrete Floor Slab Joint; SWC Of Scope Extent (Inside Building)							

Reviewed by: _____ Date Reviewed: _____ Analyzed By: Beverly A. Schrage _____ Date Analyzed: 4/10/2013

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%;
PLM analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) (NY ELAP Lab # 10984);
TEM analysis by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984);

** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Watts Architecture & Engineers
Attn: Scott Matthews
2610 S Salina Street

Syracuse, NY 13210

Date Received 04/05/13 **AmeriSci Job #** 113041209
Date Examined 04/09/13 **P.O. #**
ELAP # 10984 **Page** 1 **of** 10
RE: 13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-1	113041209-01	*Yes*	8.1 %
Location: Lt Grey/Silver Roof Tar Associated With Flashing - Pitched Roof; Top Square Vent North End Of Scope Extent			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 8.1 %			
Other Material: Non-fibrous 14.2 %			
13032-2	113041209-02	*Yes*	11.5 %
Location: Lt Grey/Silver Roof Tar Associated With Flashing - Pitched Roof; Side Of Round Vent - North End Of Scope Extent			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 11.5 %			
Other Material: Non-fibrous 20.2 %			
13032-3	113041209-03	*Yes*	2.1 %
Location: Black Roof Tar - Pitched Roof; Next To Round Vent - North End Of Scope Extent			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 2.1 %			
Other Material: Non-fibrous 8.2 %			
13032-4	113041209-04	*Yes*	15.4 %
Location: Black Roof Tar - Pitched Roof; SEC of scope extent of pitched roof			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 15.4 %			
Other Material: Non-fibrous 19.2 %			
13032-5	113041209-05	*Yes*	32.2 %
Location: Grey Rolled Roofing - Pitched Roof; Next To Round Vent - North End Of Scope Extent			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 32.2 %			
Other Material: Non-fibrous 32.2 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-6	113041209-06	*Yes*	26 %
Location: Grey Rolled Roofing - Pitched Roof; SEC of scope extent of pitched roof			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 26.0 %			
Other Material: Non-fibrous 32.5 %			
13032-7	113041209-07	*Yes*	2.8 %
Location: Green Roof Shingle - Pitched Roof; Next To Round Vent - North End Of Scope Extent			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 2.8 %			
Other Material: Non-fibrous 30.4 %			
13032-8	113041209-08	*Yes*	2.5 %
Location: Green Roof Shingle - Pitched Roof; SEC of scope extent of pitched roof			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 2.5 %			
Other Material: Non-fibrous 29 %			
13032-9	113041209-09	*Yes*	Trace (<0.25 % pc)
Location: Black Coal Tar Pitch Vapor Barrier - Pitched Roof; Next To Round Vent - North End Of Scope Extent			(ELAP 198.6; 400pc) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile <0.25 % pc			
Other Material: Non-fibrous 8.4 %			
13032-10	113041209-10	*No*	NAD
Location: Black Coal Tar Pitch Vapor Barrier - Pitched Roof; SEC of scope extent of pitched roof			(by NYS ELAP 198.6) by J. Samuel Baird on 04/09/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 31.3 %			
13032-11	113041209-11	*No*	NAD
Location: Lightweight Concrete Roof Deck - Pitch Roof; Next To Round Vent - North End Of Scope Extent - Top Side			(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-12	113041209-12	*No*	NAD
	Location: Lightweight Concrete Roof Deck - Pitch Roof; SEC of scope extent of pitched roof- from beneath		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
13032-13	113041209-13	*No*	NAD
	Location: Roof Flashing (With Embeded Fiberglass); North End Of Pitched Roof		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 20 %, Non-fibrous 14.3 %			
13032-14	113041209-14	*Yes*	4.2 %
	Location: Roof Flashing (With Embeded Fiberglass); North End Of Small Bumpout Roof		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.2 % **Other Material:** Fibrous glass 1.1 %			
13032-15 1	113041209-15	*No*	NAD
	Location: Brick Mortar; North End Of Pitched Roof		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
13032-16 1	113041209-16	*No*	NAD
	Location: Brick Mortar; SEC Of Small Bumpout At SEC Of Scope Extent		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
13032-17 2	113041209-17	*No*	NAD
	Location: Brick Typical Size - Grey Lava-Like; North End Of Pitched Roof		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-18 2	113041209-18 **Location:** Brick Typical Size - Grey Lava-Like; SEC Of Small Bumpout at SEC Of Scope Extent	*No*	NAD (by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
13032-19 3	113041209-19 **Location:** Cinder Block (CMU) Typical Size - Grey Lava-Like; North End Of Pitched Roof	*No*	NAD (by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
13032-20 3	113041209-20 **Location:** Cinder Block (CMU) Typical Size - Grey Lava-Like; SEC Of Small Bumpout At SEC Of Scope Extent	*No*	NAD (by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
13032-21 4	113041209-21 **Location:** Roof Shingle Used As Flashing On Small Bumpout Roof; NEC Of Small Bumpout At SEC Of Scope Extent	*No*	NAD (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 43.1 %			
13032-22 4	113041209-22 **Location:** Roof Shingle Used As Flashing On Small Bumpout Roof; SEC Of Small Bumpout At SEC Of Scope Extent	*No*	NAD (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 48.3 %			
13032-23 5	113041209-23 **Location:** Tarpaper Roof Membrane On Small Bumpout Roof; NEC Of Small Bumpout At SEC Of Scope Extent	*No*	NAD (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-24	113041209-24	*Yes*	26.8 %
5	**Location:** Tarpaper Roof Membrane On Small Bumpout Roof; SEC Of Small Bumpout At SEC Of Scope Extent		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 26.8 % **Other Material:** Non-fibrous 6.7 %			
13032-25	113041209-25	*No*	NAD
6	**Location:** Grey Paint On Corrugated Metal Siding, Flashing, And Structureal Steel; Over Small Bumpout At SEC Of Scope Extent		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 38.2 %			
13032-26	113041209-26	*No*	NAD
6	**Location:** Grey Paint On Corrugated Metal Siding, Flashing, And Structureal Steel; East Side Of Main Portion Of Building Above Windows		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 65.2 %			
13032-27	113041209-27	*Yes*	2.3 %
7	**Location:** Grey Window Glazing Compound On 1'x2' Windows On East Side Of Bldg; NEC Of Scope Extent		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.3 % **Other Material:** Non-fibrous 26.8 %			
13032-28	113041209-28		NA/PS
7	**Location:** Grey Window Glazing Compound On 1'x2' Windows On East Side Of Bldg; NEC Of Scope Extent		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
13032-29	113041209-29	*No*	NAD
8	**Location:** Lightweight Concrete Roof Deck; South Edge Of East Single-Level Buildout (From Below)		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-30 8	113041209-30 **Location:** Lightweight Concrete Roof Deck; South Edge Of East Single-Level Buildout (From Above)	***No***	NAD (by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
13032-31 9	113041209-31 **Location:** Black Tar; South Edge Of East Single-Level Buildout	***Yes***	Trace (<1 %) (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <1 % pc **Other Material:** Non-fibrous 3.5 %			
13032-32 9	113041209-32 **Location:** Black Tar; SWC Of East Single-Level Buildout	***No***	NAD (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 7 %, Non-fibrous 2.6 %			
13032-33 10	113041209-33 **Location:** Silver/Grey Flashing Tar; South Edge Of East Single-Level Buildout	***Yes***	18.7 % (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Silver/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 18.7 % **Other Material:** Non-fibrous 9.3 %			
13032-34 10	113041209-34 **Location:** Silver/Grey Flashing Tar; SWC Of East Single-Level Buildout		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
13032-35 11	113041209-35 **Location:** Flashing Membrane; South Edge Of East Single-Level Buildout	***Yes***	9 % (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 9.0 % **Other Material:** Non-fibrous 2.3 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-36	113041209-36		NA/PS
11	**Location:** Flashing Membrane; SWC Of East Single-Level Buildout		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
13032-37	113041209-37	***Yes***	17.2 %
12	**Location:** Tar/Tarpaper Roofing Membrane; South Edge Of East Single-Level Buildout		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 17.2 % **Other Material:** Fibrous glass 15 %, Non-fibrous 2.1 %			
13032-38	113041209-38		NA/PS
12	**Location:** Tar/Tarpaper Roofing Membrane; SWC Of East Single-Level Buildout		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
13032-39	113041209-39	***No***	NAD
13	**Location:** Lightweight Concrete Roof Deck Over Flat Roof; East Edge - From Bottom		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 2 %, Non-fibrous 98 %			
13032-40	113041209-40	***No***	NAD
13	**Location:** Lightweight Concrete Roof Deck Over Flat Roof; East Edge - From Top		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 2 %, Non-fibrous 98 %			
13032-41	113041209-41	***No***	NAD
14	**Location:** Tar/Tarpaper Roofing Membrane; East Edge		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.4 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave,
Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-42	113041209-42	*No*	NAD
14	**Location:** Tar/Tarpaper Roofing Membrane; SEC Of Flat Roof		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5.6 %			
13032-43	113041209-43	*No*	NAD
15	**Location:** Drywall In Single-Level Buildout; SEC "Office" - East Wall		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Fibrous glass 5 %, Non-fibrous 90 %			
13032-44	113041209-44	*No*	NAD
15	**Location:** Drywall In Single-Level Buildout; SWC "Office" - NEC Wall		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
13032-45	113041209-45	*No*	NAD
16	**Location:** Drywall Joint Compound In Single-Level Buildout; SEC "Office" - East Wall		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 97 %			
13032-46	113041209-46	*No*	NAD
16	**Location:** Drywall Joint Compound In Single-Level Buildout; SWC "Office" - NEC Wall		(by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 97 %			
13032-47	113041209-47	*No*	NAD
17	**Location:** 2'x4' Ceiling Tile In Single-Level Buildout; SEC "Office" - On Ground		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 20 %, Non-fibrous 39.8 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave,
Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-48 17	113041209-48 **Location:** 2'x4' Ceiling Tile In Single-Level Buildout; SWC "Office" - NEC Wall	***No***	NAD (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 20 %, Non-fibrous 44.5 %			
13032-49 18	113041209-49 **Location:** White Window Glazing Compound On Skylights; Extreme North End Of Building (Beyond Scope Extent Area)	***Yes***	1.9 % (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 1.9 % **Other Material:** Non-fibrous 22.9 %			
13032-50 18	113041209-50 **Location:** White Window Glazing Compound On Skylights; Extreme North End Of Building (Beyond Scope Extent Area)		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
13032-51 19	113041209-51 **Location:** Aircell Pipe Insulation (Inside Main Building); 2" Pipe Running N/S Near Ceiling Through Scope Extent Area	***Yes***	80 % (by NYS ELAP 198.1) by J. Samuel Baird on 04/10/13
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 80.0 % **Other Material:** Non-fibrous 20 %			
13032-52 19	113041209-52 **Location:** Aircell Pipe Insulation (Inside Main Building); Debris Pile Below 2" Pipe Running Through Scope Extent Area		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
13032-53 20	113041209-53 **Location:** Tar/Sealant In Concrete Floor Slab Joint; West Edge Of Scope Extent (Inside Building)	***No***	NAD (by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.7 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

13032; Peter Winkleman Property; 101 Greenway Ave, Syracuse (Report Amended 4/10/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13032-54	113041209-54	***No***	NAD
20	**Location:** Tar/Sealant In Concrete Floor Slab Joint; SWC Of Scope Extent (Inside Building)		(by NYS ELAP 198.6) by J. Samuel Baird on 04/10/13

Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 6.6 %

Reporting Notes:
Analyzed by: J. Samuel Baird Date 4/10/13
*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600//M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.
Reviewed By:_____

WATTS ARCHITECTURE & ENGINEERING, P.C.
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

113041209

Page: 1 of 5

Date: 4/4/13

Client: Arcadis

Project: Peter Winkleman Propery

Building / Location: 101 Greenway Ave, Syracuse

Contact: Scott Matthews at (315) 443-8611

Email Preliminary Results to: smatthews@watts-ae.com

Watts Project No.: 13032

Turnaround Requested: ___ 3 Hr. ___ 48 Hr.

Analysis Requested: ___ 6 Hr. ___ 72 Hr.

PLM X TEM X 12 Hr. X 5 Day

24 Hr. ___ 6-10 Day

Mail Invoice to: Accounts Payable
Watts Architecture & Engineering, P.C.
95 Perry Street, Buffalo, NY 14203

Mail Report to: Scott Matthews
Watts Architecture & Engineering, P.C.
2610 S Salina Street, Syracuse, NY 13210

Sample Number	Material Description	Sample Location	Laboratory Results PLM	Laboratory Results TEM
13032- 1	Lt grey/silver roof tar associated with flashing - pitched roof	Top square vent north end of scope extent		
13032- 2	Lt grey/silver roof tar associated with flashing - pitched roof	Side of round vent - north end of scope extent		
13032- 3	Black roof tar - pitched roof	Next to round vent - north end of scope extent		
13032- 4	~~Lt grey/silver roof tar associated with flashing - pitched roof~~ Black roof tar - pitched roof	SEC of scope extent of pitched roof		
13032- 5	Grey rolled roofing - pitched roof	Next to round vent - north end of scope extent		
13032- 6	~~Lt grey/silver roof tar associated with flashing - pitched roof~~ Grey rolled roofing - pitched roof	SEC of scope extent of pitched roof		
13032- 7	Green roof shingle - pitched roof	Next to round vent - north end of scope extent		
13032- 8	~~Lt grey/silver roof tar associated with flashing - pitched roof~~ Green roof shingle - pitched roof	SEC of scope extent of pitched roof		
13032- 9	Black coal tar pitch vapro barrier - pitched roof	Next to round vent - north end of scope extent		
13032- 10	~~Lt grey/silver roof tar associated with flashing - pitched roof~~ Black coal tar pitch vapor barrier - pitched roof	SEC of scope extent of pitched roof		
13032- 11	Lighweight concrete roof deck - pitched roof	Next to round vent - north end of scope extent - top side		
13032- 12	~~Lt grey/silver roof tar associated with flashing - pitched roof~~ Lightweight concrete roof deck - pitched roof	SEC of scope extent of pitched roof - from beneath		

Sampled By: Scott Matthews Date: 4-4-13 Received By: Date:

Relinquished By: Scott Matthews to FedEx Date: 4-4-13 Received By: Date:

Comments:

RECEIVED
APR 05 2013
By

C:\Documents and Settings\smatthews\Desktop\BulkForm.xls
4/4/2013

113041209

WATTS ARCHITECTURE & ENGINEERING, P.C.
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Date: 4/4/13

Client: Arcadis

Watts Project No.: 13032

Project: Peter Winkleman Propery

Turnaround Requested: ____ 3 Hr. ____ 48 Hr.

Building / Location: 101 Greenway Ave, Syracuse

Analysis Requested: ____ 6 Hr. ____ 72 Hr.

Contact: Scott Matthews at (315) 443-8611

PLM X TEM X 12 Hr. X 5 Day

Email Preliminary Results to: smatthews@watts-ae.com

24 Hr. ____ 6-10 Day

Mail Invoice to: Accounts Payable
Watts Architecture & Engineering, P.C.
95 Perry Street, Buffalo, NY 14203

Mail Report to: Scott Matthews
Watts Architecture & Engineering, P.C.
2610 S Salina Street, Syracuse, NY 13210

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
13032- 13	Roof flashing (with embeded fiberglass)	North end of pitched roof		
13032- 14	Roof flashing (with embeded fiberglass)	North end of small bumpout roof		
13032- 15	Brick mortar	North end of pitched roof		
13032- 16	Brick mortar	SEC of small bumpout at SEC of scope extent		
13032- 17	Brick Typical size - grey lava-like	North end of pitched roof		
13032- 18	Brick Typical size - grey lava-like	SEC of small bumpout at SEC of scope extent		
13032- 19	Cinder block (CMU) Typical size - grey lava-like	North end of pitched roof		
13032- 20	Cinder block (CMU) Typical size - grey lava-like	SEC of small bumpout at SEC of scope extent		
13032- 21	Roof shingle used as flashing on small bumpout roof	NEC of small bumpout at SEC of scope extent		
13032- 22	Roof shingle used as flashing on small bumpout roof	SEC of small bumpout at SEC of scope extent		
13032- 23	Tarpaper roof membrane on small bumpout roof	NEC of small bumpout at SEC of scope extent		
13032- 24	Tarpaper roof membrane on small bumpout roof	SEC of small bumpout at SEC of scope extent		

Sampled By: Scott Matthews Date: 4-4-13 Received By: ____ Date: ____

Relinquished By: Scott Matthews to FedEx Date: ____ Received By: ____ Date: ____

Comments: Positive Stop Anywhere in Series

RECEIVED
APR 05 2013
By

113041209

WATTS ARCHITECTURE & ENGINEERING, P.C.
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Date: 4/4/13

Client: Arcadis

Watts Project No.: 13032

Project: Peter Winkleman Propery

Turnaround Requested: ____ 3 Hr. ____ 48 Hr.

Building / Location: 101 Greenway Ave, Syracuse

Analysis Requested: ____ 6 Hr. ____ 72 Hr.

Contact: Scott Matthews at (315) 443-8611

PLM X TEM X 12 Hr. X 5 Day

Email Preliminary Results to: smatthews@watts-ae.com

24 Hr. ____ 6-10 Day

Mail Invoice to: Accounts Payable
Watts Architecture & Engineering, P.C.
95 Perry Street, Buffalo, NY 14203

Mail Report to: Scott Matthews
Watts Architecture & Engineering, P.C.
2610 S Salina Street, Syracuse, NY 13210

Sample Number	Material Description	Sample Location	Laboratory Results PLM	TEM
13032- 25	Grey paint on corrugated metal siding, flashing, and structureal steel	Over small bumpout at SEC of scope extent		
13032- 26	Grey paint on corrugated metal siding, flashing, and structureal steel	East side of main protion of building above windows		
13032- 27	Grey window glazing compound on 1'x2' windows on east side of bldg	NEC of scope extent		
13032- 28	Grey window glazing compound on 1'x2' windows on east side of bldg	NEC of scope extent		
13032- 29	Lightweight concrete roof deck	South edge of east single-level buildout (from below)		
13032- 30	Lightweight concrete roof deck	South edge of east single-level buildout (from above)		
13032- 31	Black tar	South edge of east single-level buildout		
13032- 32	Black tar	SWC of east single-level buildout		
13032- 33	Silver/grey flashing tar	South edge of east single-level buildout		
13032- 34	Silver/grey flashing tar	SWC of east single-level buildout		
13032- 35	Flashing membrane	South edge of east single-level buildout		
13032- 36	Flashing membrane	SWC of east single-level buildout		

Sampled By: Scott Matthews Date: 4-4-13 Received By: ____ Date: ____

Relinquished By: Scott Matthews to FedEx Date: ____ Received By: ____ Date: ____

Comments: Positive Stop Anywhere in Series

RECEIVED
APR 05 2013
By

113.41209

WATTS ARCHITECTURE & ENGINEERING, P.C.
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Page: 4 of ~~4~~ 5
Date: 4/4/13

Client: Arcadis
Project: Peter Winkleman Propery
Building / Location: 101 Greenway Ave, Syracuse
Contact: Scott Matthews at (315) 443-8611
Email Preliminary Results to: smatthews@watts-ae.com

Watts Project No.: 13032

Turnaround Requested: ___ 3 Hr. ___ 48 Hr.
Analysis Requested: ___ 6 Hr. ___ 72 Hr.
PLM X TEM X 12 Hr. X 5 Day
24 Hr. ___ 6-10 Day

Mail Invoice to: Accounts Payable
Watts Architecture & Engineering, P.C.
95 Perry Street, Buffalo, NY 14203

Mail Report to: Scott Matthews
Watts Architecture & Engineering, P.C.
2610 S Salina Street, Syracuse, NY 13210

Sample Number	Material Description	Sample Location	Laboratory Results PLM	TEM
13032- 37	Tar/tarpaper roofing membrane	South edge of east single-level buildout		
13032- 38	Tar/tarpaper roofing membrane	SWC of east single-level buildout		
13032- 39	Lightweight concrete roof deck over flat roof	East edge - from bottom		
13032- 40	Lightweight concrete roof deck over flat roof	East edge - from top		
13032- 41	Tar/tarpaper roofing membrane	East edge		
13032- 42	Tar/tarpaper roofing membrane	SEC of flat roof		
13032- 43	Drywall in single-level buildout	SEC "office" - east wall		
13032- 44	Drywall in single-level buildout	SWC "office" - NEC wall		
13032- 45	Drywall joint compound in single-level buildout	SEC "office" - east wall		
13032- 46	Drywall joint compound in single-level buildout	SWC "office" - NEC wall		
13032- 47	2'x4' ceiling tile in single-level buildout	SEC "office" - on ground		
13032- 48	2'x4' ceiling tile in single-level buildout	SWC "office" - NEC ceiling		

Sampled By: Scott Matthews Date: 4-4-13 Received By: Date:
Relinquished By: Scott Matthews to FedEx Date: Received By: Date:
Comments: Positive Stop Anywhere in Series

RECEIVED
APR 05 2013
By

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WATTS ARCHITECTURE & ENGINEERING, P.C.
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Date: 4/4/13

Client: Arcadis

Project: Peter Winkleman Propery

Building / Location: 101 Greenway Ave, Syracuse

Contact: Scott Matthews at (315) 443-8611

Email Preliminary Results to: smatthews@watts-ae.com

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95 Perry Street, Buffalo, NY 14203

Mail Report to: Scott Matthews
Watts Architecture & Engineering, P.C.
2610 S Salina Street, Syracuse, NY 13210

Sample Number	Material Description	Sample Location	Laboratory Results PLM	Laboratory Results TEM
13032- 49	White window glazing compound on skylights	Extreme north end of building (beyond scope extent area)		
13032- 50	White window glazing compound on skylights	Extreme north end of building (beyond scope extent area)		
13032- 51	Aircell pipe insulation (inside main building)	2" pipe running N/S near ceiling through scope extent area		
13032- 52	Aircell pipe insulation (inside main building)	Debris pile below 2" pipe running through scope extent area		
13032- 53	Tar/sealant in concrete floor slab joint	West edge of scope extent (inside building)		
13032- 54	Tar/sealant in concrete floor slab joint	SWC of scope extent (inside building)		

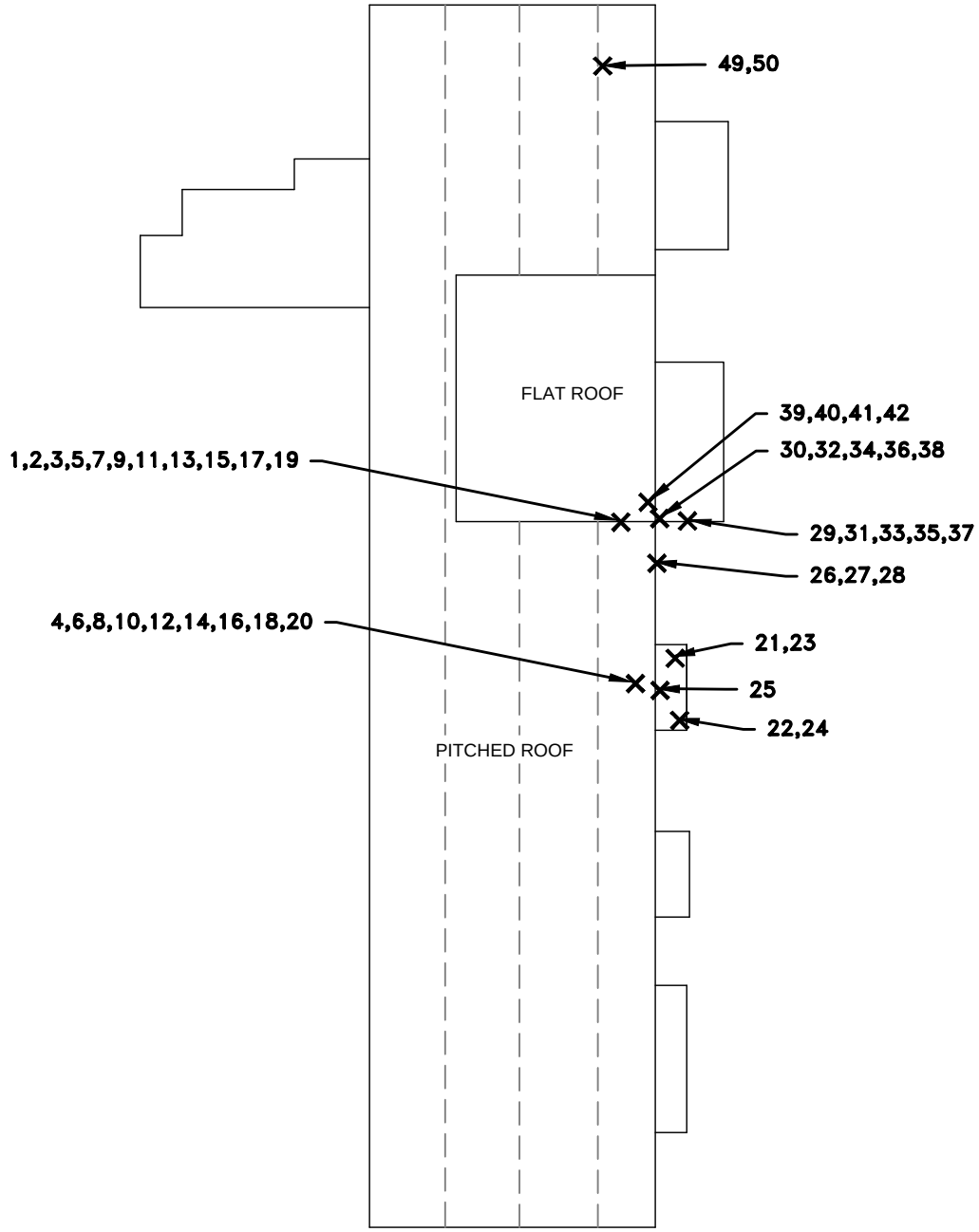
Sampled By: Scott Matthews Date: 4-4-13 Received By: ___ Date: ___

Relinquished By: Scott Matthews to FedEx Date: ___ Received By: ___ Date: ___

Comments: Positive Stop Anywhere in Series

RECEIVED
APR 05 2013
By

2.2 – ASBESTOS SAMPLE LOCATION DRAWING



ROOF PLAN

ALL SAMPLES ARE PREFIXED BY **13032-**

SAMPLES WERE COLLECTED ON APRIL 4, 2013.

✕ INDICATES APPROXIMATE SAMPLE LOCATION

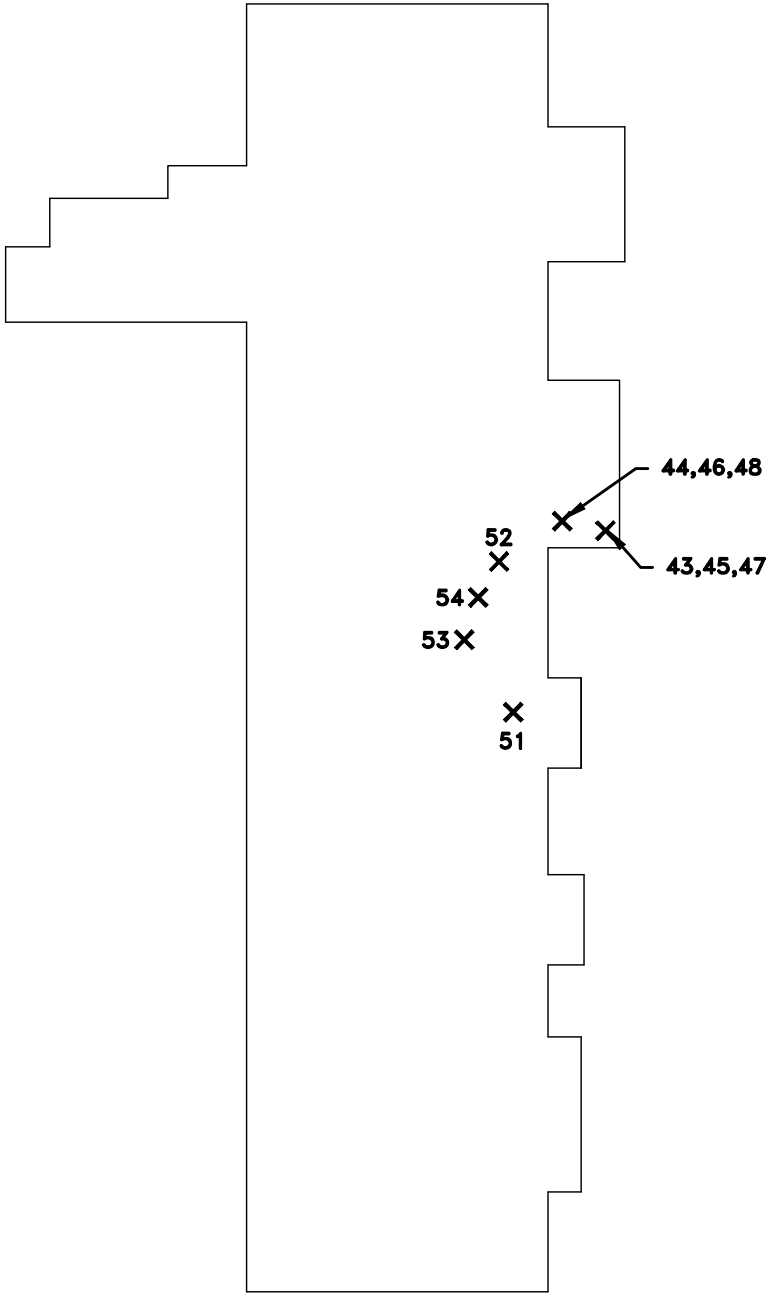
WATTS
ARCHITECTURE
& ENGINEERING
South Side Innovation Center
2610 South Salina Street
Syracuse, New York 13205
(315) 443-8611

ASBESTOS BULK SAMPLE LOCATIONS
ROOF

PETER WINKELMAN BUILDING
101 GREENWAY AVENUE
SYRACUSE, NEW YORK

NOT TO SCALE | APRIL 2013

H:\2013\13032 Winkleman Property\18. CADD\Environmental\SL-1.dwg Apr 23, 2013, 3:03pm



INTERIOR PLAN

ALL SAMPLES ARE PREFIXED BY **13032-**

SAMPLES WERE COLLECTED ON APRIL 4, 2013.

✕ INDICATES APPROXIMATE SAMPLE LOCATION

WATTS
ARCHITECTURE
& ENGINEERING
South Side Innovation Center
2610 South Salina Street
Syracuse, New York 13205
(315) 443-8611

ASBESTOS BULK SAMPLE LOCATIONS
INTERIOR

PETER WINKELMAN BUILDING
101 GREENWAY AVENUE
SYRACUSE, NEW YORK

NOT TO SCALE | APRIL 2013

H:\2013\13032 Winkleman Property\18. CADD\Environmental\SL-1.dwg Apr 23, 2013, 3:03pm

3.0 – LABORATORY ACCREDITATIONS

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. THOMAS MCKEE
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112

NY Lab Id No: 10984

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020
	Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual

Serial No.: 48500

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NVLAP® **National Voluntary Laboratory Accreditation Program**

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AmeriSci Richmond
dba AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
Mr. Thomas B. Keith
Phone: 804-763-1200 Fax: 804-763-1800
E-Mail: bkeith@amerisci.com
URL: http://www.amerisci.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 101904-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2012-07-01 through 2013-06-30

Effective dates

For the National Institute of Standards and Technology

4.0 – CONSULTANT'S LICENSES AND CERTIFICATIONS

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Watts Architecture & Engineering, D.P.C.
Suite 300
95 Perry Street

Buffalo, NY 14203

FILE NUMBER 12-68007
LICENSE NUMBER: 68007
LICENSE CLASS RESTRICTED
DATE OF ISSUE: 09/26/2012
EXPIRATION DATE: 09/30/2013

Duly Authorized Representative – Edward Watts

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Acting Director
For the Commissioner of Labor

SH 432 (8/12)

95 Perry Street Suite 300
Buffalo, New York 14203

2610 South Salina Street Suite 2B
Syracuse, New York 13205