



# Division of Purchase

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James P Burpoe

Director of Purchases

PO Box 218, 255 Main Street, 3<sup>rd</sup> Floor, Goshen, New York 10924

Telephone: (845) 291-2792 Facsimile: (845) 291-2797

[www.orangecountygov.com/purchasing](http://www.orangecountygov.com/purchasing)

**Edward A. Diana**

*County Executive*

March 15, 2010

Re: RFP-OCP01-10, Remediation of Above Ground & Underground Storage Tanks at Glenmere Lake Property  
Amendment A

Dear Vendor:

Please see attached Appendix C and Appendix D as they were not included in the original proposal packet.

Regards,

James P Burpoe  
Director of Purchases

The information in this addendum supersedes any contradictory information set forth in the contract documents. Acknowledge receipt of this addendum by attaching this addendum to the last page of the bid form. Failure to do so may subject the bidder to disqualification. This addendum forms a part of the contract documents.

## **APPENDIX C**

### **ASBESTOS AND LEAD-BASED PAINT SURVEY REPORT**

*The Orange County Department of Parks, Recreation and Conservation makes no representation as to the accuracy of this report. This report is provided solely for the information and interpretation of the Prospective Bidders, to be used as they see fit.*

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# QuES&T

Quality Environmental Solutions & Technologies, Inc.

November 5, 2008

Dvirka & Bartilucci  
330 Crossways Park Drive  
Woodbury, NY 11797-2015

**ATTN: Thomas Fox**

Via E-mail: [tfox@db-eng.com](mailto:tfox@db-eng.com)

Re.: Glenmere Lake Properties, Glenmere Avenue, Florida, NY  
Pre-Demolition Surveys for Asbestos-containing Materials  
QuES&T Project #Q08-5048

Dear Mr. Fox,

Attached is the Pre-Demolition Report for Asbestos-containing Materials (ACM) conducted throughout accessible interiors and exteriors of the above-referenced location(s) by **Quality Environmental Solutions & Technologies, Inc. (QuES&T)**. The inspections included visual assessment and representative sampling for the detection of ACM. Limited demolition of building surfaces and installed equipment was performed as part of this survey. Sample collection and analysis were conducted in compliance with the requirements of Title 12 NYCRR Part 56-1 and 29 CFR 1926.1101.

The attached report summarizes the inspection protocol and inspection results for review. **QuES&T** believes this report accurately reflects the material condition existing in the functional spaces at the time of our inspection.

Should you wish to discuss this matter further or require additional information concerning this transmittal, feel free to contact us at (845) 298-6031. **QuES&T** greatly appreciates the opportunity to assist Dvirka & Bartilucci in the environmental services area.

Sincerely,



Paul A. Rodriguez  
Technical Services, Manager  
NYS/AHERA Inspector  
Cert. #AH 02-04344  
EPA Lead Inspector/Risk Assessor

Attachment: Report





Quality Environmental Solutions & Technologies, Inc.

# PRE-DEMOLITION SURVEYS FOR ASBESTOS-CONTAINING MATERIALS

at

**“Glenmere Lake Properties – Eight (8) Structures”  
Glenmere Avenue  
Florida, New York 10921**

for

**Dvirka & Bartilucci  
330 Crossways Park Drive  
Woodbury, New York 11797-2015**

**Project #Q08-5048**



# QuEST

Quality Environmental Solutions & Technologies, Inc.

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## I. INTRODUCTION:

At the request of Mr. Thomas Fox, of Dvirka & Bartilucci, Pre-Demolition Surveys for the detection of Asbestos-containing Materials (ACM) were performed by **Quality Environmental Solutions & Technologies, Inc. (QuES&T)** throughout accessible, as well as structurally-sound, interior and exterior areas of "Glenmere Lake Properties – Eight (8) Structures," Glenmere Avenue, Florida, New York. A breakdown of building names & locations is attached (Appendix "A").

The purpose of these surveys was to perform visual inspections of accessible, as well as structurally-sound, interior and exterior areas in preparation for demolition and to conduct representative sampling of suspect ACM. Samples collected were analyzed by Polarized Light Microscopy (PLM) for friable materials, and Quantitative Transmission Electron Microscopy (QTEM) for non-friable organically-bound materials.

**QuES&T** established functional spaces based either on physical barriers (i.e. walls, doors, etc.) or homogeneity of material. Within each functional space identified, a visual inspection was performed to identify suspect material.

Licensed NYS/AHERA Asbestos Inspectors Mr. Paul A. Rodriguez (Cert. #AH 02-04344) and Mr. Rudy Lipinski (Cert. #AH 05-09049), of **QuES&T**, collected a total of ninety-one (91) samples of suspect materials for laboratory analysis on October 23, 2008. Fifty-five (55) samples were analyzed by Polarized Light Microscopy (PLM) for friable materials, and nineteen (19) samples were analyzed by Quantitative Transmission Electron Microscopy (QTEM) for non-friable organically bound materials (additionally, seventeen (17) samples were analyzed by Confirmatory-PLM upon Negative-resulting QTEM results). Samples consisting of multiple layers were separated and analyzed independently in the laboratory.

## II. INSPECTION SUMMARY:

A visual inspection was performed and material types were established based on appearance, color, and texture. Representative bulk sampling was performed on suspect building material for laboratory analysis using PLM and QTEM.

A total of *ninety-one samples* were collected and analyzed. A breakdown of samples collected per building is as follows:

- **“Collapsed Structure #1 (North)”**:
  - Façade Beige Stucco (outermost layer).
  - Façade White Stucco (middle layer).
  - Façade Tar Paper (bottom layer).
  - Window Glazing Compound.
  
- **“Collapsed Structure #1 (Middle)”**:
  - Façade Beige Stucco (outermost layer).
  - Façade White Stucco (middle layer).
  - Façade Tar Paper (bottom layer).
  - Brick & Mortar Chimney.
  - Window Glazing Compound.
  
- **“Collapsed Structure #1 (South)”**:
  - Façade Beige Stucco (outermost layer).
  - Façade White Stucco (middle layer).
  - Façade Tar Paper (bottom layer).
  - Cementitious Foundation.
  - Skim Coats over Cementitious Foundation.
  - Plaster Ceilings & Walls.
  - Transite Shingles (loose on ground & foundation).
  - Rolled Roofing.
  
- **“Collapsed Structure #2”**:
  - Cementitious Foundation.
  
- **“Collapsed Structure #3”**:
  - Cementitious Foundation.
  - Particle Board Walls.
  
- **“Collapsed Structure #4”**:
  - Brick & Mortar Chimney.
  - Cementitious Foundation.
  - Window Glazing Compound.
  - Roofing Shingles & Tar Papers.



*Samples Collected (cont'd)*

- **“Collapsed Structure #5”:**
  - Façade Beige Stucco (outermost layer).
  - Façade White Stucco (middle layer).
  - Terra Cotta Block & Mortar.
  - Particle Board Ceilings.
  - Plaster Walls.
  - Roofing Tar Papers.
  
- **“Collapsed Structure #6”:**
  - Façade Beige Stucco (outermost layer).
  - Façade White Stucco (middle layer).
  - Terra Cotta Block & Mortar.
  - Tank Insulation.
  - Window Glazing Compound.
  - Roofing Shingles & Tar Papers.
  
- **“Collapsed Structure #7”:**
  - Cementitious Foundation.
  
- **“Pump House #8”:**
  - Façade Stone Mortar.
  - Plaster Ceilings & Walls.
  - Rope Gaskets (loose on shop table).
  - Cementitious Floor Slab.
  - Window Glazing Compound.
  - Roofing Shingles & Tar Papers.

**III. LISTING OF IDENTIFIED ABESTOS-CONTAINING MATERIALS (ACM):**  
*(Please see attached drawings for approx. ACM locations)*

KEY: FT<sup>3</sup> = Cubic Feet SF = Square Feet LF = Linear Feet

**Location                      Material                      Approx. Qty.    Friable?    Condition**

**“COLLAPSED STRUCTURE #1 (NORTH)”**

Throughout	Entire Structure w/intact ACM Stucco Layers -AND- Misc. ACM Debris	35,000 ft <sup>3</sup> (building)	Yes	Significantly Damaged
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**NOTE:** *No Access to Interiors (structurally unsound). Therefore, entire building/structure must be removed as Asbestos-containing Material(s) as per Industrial Code Rule 56 (ICR-56) and/or approved NYS-DOL Site-Specific Variance(s).*

**“COLLAPSED STRUCTURE #1 (MIDDLE)”**

Throughout	Entire Structure w/intact ACM Stucco Layers, ACM Ceiling/Wall Plasters, ACM Tank/Boiler Insulation -AND- Misc. ACM Debris	48,000 ft <sup>3</sup> (building)	Yes	Significantly Damaged
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**NOTE:** *No Access to Interiors (structurally unsound). Therefore, entire building/structure must be removed as Asbestos-containing Material(s) as per Industrial Code Rule 56 (ICR-56) and/or approved NYS-DOL Site-Specific Variance(s).*

**“COLLAPSED STRUCTURE #1 (SOUTH)”**

Throughout	Entire Structure w/intact ACM Stucco Layers, ACM Ceiling/Wall Plasters, ACM Transite Shingles -AND- Misc. ACM Debris	52,500 ft <sup>3</sup> (building)	Yes	Significantly Damaged
------------	--	--------------------------------------	-----	--------------------------

**NOTE:** *No Access to Interiors (structurally unsound). Therefore, entire building/structure must be removed as Asbestos-containing Material(s) as per Industrial Code Rule 56 (ICR-56) and/or approved NYS-DOL Site-Specific Variance(s).*

*Identified ACM (cont'd)*

KEY: FT<sup>3</sup> = Cubic Feet SF = Square Feet LF = Linear Feet

**Location                      Material                      Approx. Qty.   Friable?   Condition**

**“COLLAPSED STRUCTURE #5”**

Throughout	Entire Structure w/intact ACM Stucco Layers -AND- Misc. ACM Debris	45,000 ft <sup>3</sup> (building)	Yes	Significantly Damaged
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**NOTE:** *No Access to Interiors (structurally unsound). Therefore, entire building/structure must be removed as Asbestos-containing Material(s) as per Industrial Code Rule 56 (ICR-56) and/or approved NYS-DOL Site-Specific Variance(s).*

**“COLLAPSED STRUCTURE #6”**

Throughout	Entire Structure w/intact ACM Stucco Layers, ACM Tank/Boiler Insulation -AND- Misc. ACM Debris	25,000 ft <sup>3</sup> (building)	Yes	Significantly Damaged
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**NOTE:** *No Access to Interiors (structurally unsound). Therefore, entire building/structure must be removed as Asbestos-containing Material(s) as per Industrial Code Rule 56 (ICR-56) and/or approved NYS-DOL Site-Specific Variance(s).*

**“PUMPHOUSE #8”**

On Shop Table	ACM Rope Gaskets	5 SF (total)	Yes	Good
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#### IV. GENERAL DISCUSSION:

All construction personnel as well as individuals who have access to locations where ACM exists should be informed of its presence and the proper work practices in these areas. Conspicuous labeling of all ACM is suggested to ensure personnel is adequately informed. Personnel should be informed not to rest, lean or store material or equipment on or near these surfaces and not to cut, saw, drill, sand or disturb ACM. All removal, disturbance and repair of ACM should be performed in compliance with Title 12 NYCRR Part 56 by persons properly trained to handle ACM. Facility custodial and maintenance personnel should receive training commensurate with their work activities; as defined in 29 CFR 1910.1001.

#### V. TRANSMITTAL OF BUILDING SURVEY INFORMATION:

As specified in Title 12 NYCRR Part 56-1.9(d), "Information derived from this building survey shall be immediately transmitted by the building owner or his/her agent to the commissioner through the Department's Division of Safety and Health, Asbestos Control Bureau, and to the local government entity charged with issuing a permit for such demolition under applicable State or local laws or, if no such permit is required, to the town or city clerk where the building is located."

#### VI. ABATEMENT REQUIRED:

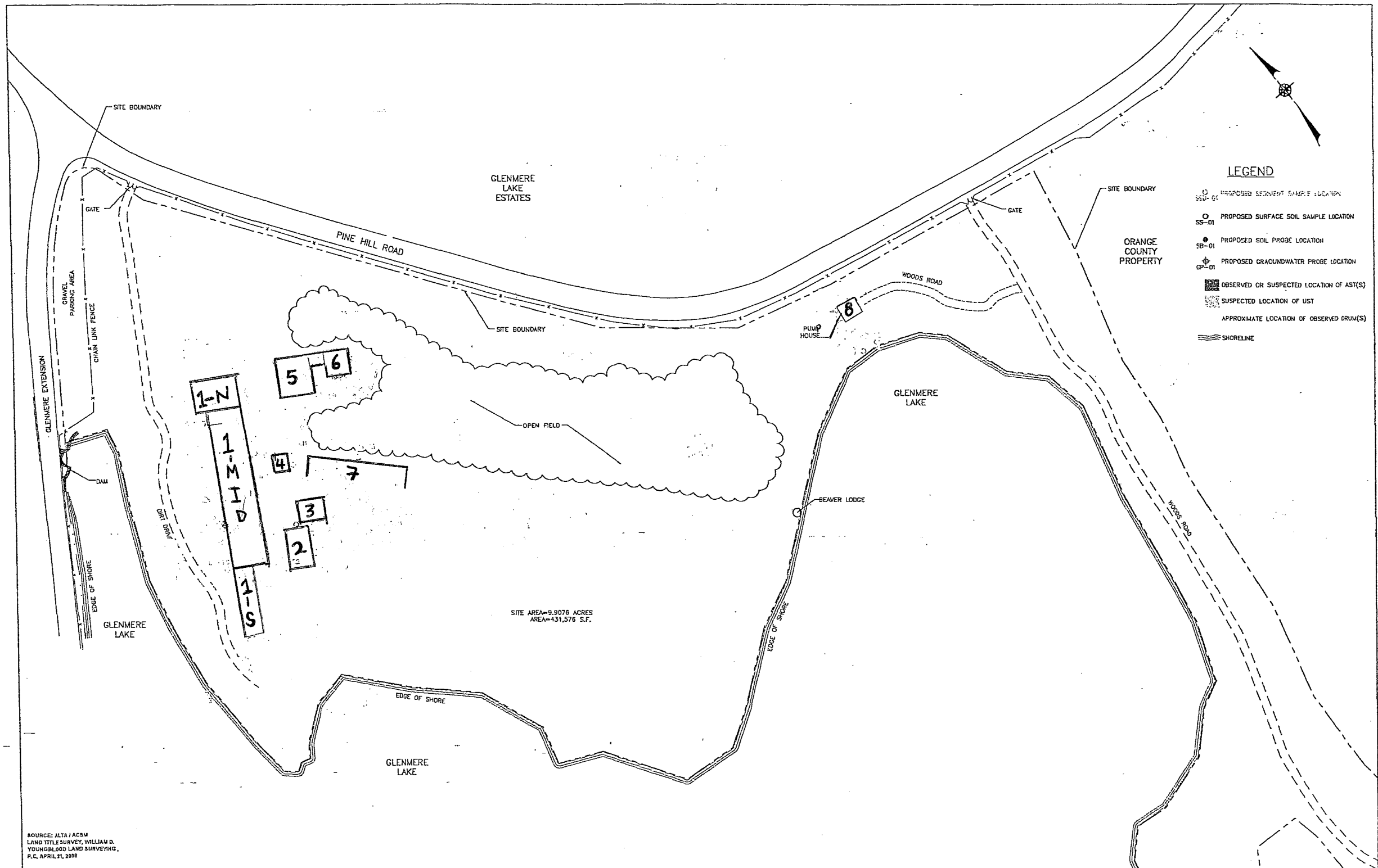
As specified in Title 12 NYCRR Part 56-1.9(e), "If the building survey finds that a building to be demolished contains asbestos or asbestos material as defined in section 56-1.4 of this Subpart, no bids shall be advertised nor contracts awarded nor demolition work commenced by any owner or agent prior to completion of an asbestos remediation contract performed by a licensed asbestos contractor, in conformance with all standards set forth in this Part (rule)." (emphasis added).

# QuEST

Quality Environmental Solutions & Technologies, Inc.

## Appendix A: Drawings





SOURCE: ALTA / ACSM  
 LAND TITLE SURVEY, WILLIAM D.  
 YOUNGBLOOD LAND SURVEYING,  
 P.C., APRIL 11, 2008

NO.	DATE	REVISION	INT.

UNAUTHORIZED ALTERATION OR ADDITION TO  
 THIS DOCUMENT IS A VIOLATION OF SECTION 7209  
 OF THE NEW YORK STATE EDUCATION LAW.

PROJECT MANAGER	DRAWN BY
T.F.	A.R.R.
DESIGNED BY	CHECKED BY
A.C.	T.F.



ORANGE COUNTY DEPARTMENT OF PARKS  
 RECREATION AND CONSERVATION  
 ORANGE COUNTY NEW YORK  
**GLENMERE LAKE PROPERTY**

**SAMPLE LOCATION MAP**

PROJECT NO.	2777
DATE	5/27/09
SCALE	1"=40'

# QuEST

Quality Environmental Solutions & Technologies, Inc.

## Appendix B: Sample Results





Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN Q08-5048 - Dvirka & Bartilucci - Glenmere Lake Properties - Glenmere Avenue - Florida, NY

Date Collected : 10/23/2008 Client: QuES&T, Inc.
Collected By : P. Rodriguez/R. Lipinski 1376 Route 9
Date Received : 10/24/2008 Wappingers Falls, NY 12590
Date Analyzed : 10/29-30/2008
Analyzed By : Ghayath Elias
Signature :
Analytical Method : EPA/600/R-93/116/NYS-DOH 198.1 (PLM)
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Appearance, Sample Treatment, Asbestos Content, Other Fibrous Materials Present, Non-Fibrous Materials Present.

Results Applicable To Those Items Tested. Report Cannot be Reproduced, Except Entirely, Without Written Approval of the Laboratory. Liability Limited To Cost Of Analysis. This Report Must Not be Used by the Client to Claim Product Endorsement by NVLAP or Any Agency of the US Government. These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing. AIHA Accreditation No. 100263 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095






# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN Q08-5048 - Dvirka & Bartilucci - Glenmere Lake Properties - Glenmere Avenue - Florida, NY

Date Collected : 10/23/2008  
 Collected By : P. Rodriguez/R. Lipinski  
 Date Received : 10/24/2008  
 Date Analyzed : 10/29-30/2008  
 Analyzed By : Ghayath Elias  
 Signature :   
 Analytical Method : EPA/600/R-93/116/NYS-DOH 198.1 (PLM)  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: QuES&T, Inc.  
 1376 Route 9  
 Wappingers Falls, NY 12590

Sample ID Number	5048-32	5048-32	5048-33	5048-36
Layer Number	1	2		
Lab ID Number	1702472	1702472	1702473	1702476
Sample Location	Collapsed Structure #1 (Middle), Chimney	Collapsed Structure #1 (Middle), Chimney	Collapsed Structure #1 (South), Façade, Outermost Layer	Collapsed Structure #1 (South), Façade, Middle Layer
Sample Description	Brick & Mortar (Brick Layer)	Brick & Mortar (Mortar Layer)	Beige Stucco	White Stucco
Method of Quantification	Visual Estimation	Visual Estimation	Point Count	Point Count
Appearance	Layered Homogenous Fibrous Color	No Yes No Red	No Yes No Gray	No Yes No Gray
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 3.3 0.0 3.3
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	25.0 5.0 0.0 70.0	20.0 30.0 0.0 50.0	0.0 0.0 0.0 97.1

Results Applicable To Those Items Tested. Report Cannot be Reproduced, Except Entirely, Without Written Approval of the Laboratory.  
 Liability Limited To Cost Of Analysis. This Report Must Not be Used by the Client to Claim Product Endorsement by NVLAP or Any Agency of the US Government.  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing.  
 AIHA Accreditation No. 100263 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095















































































































































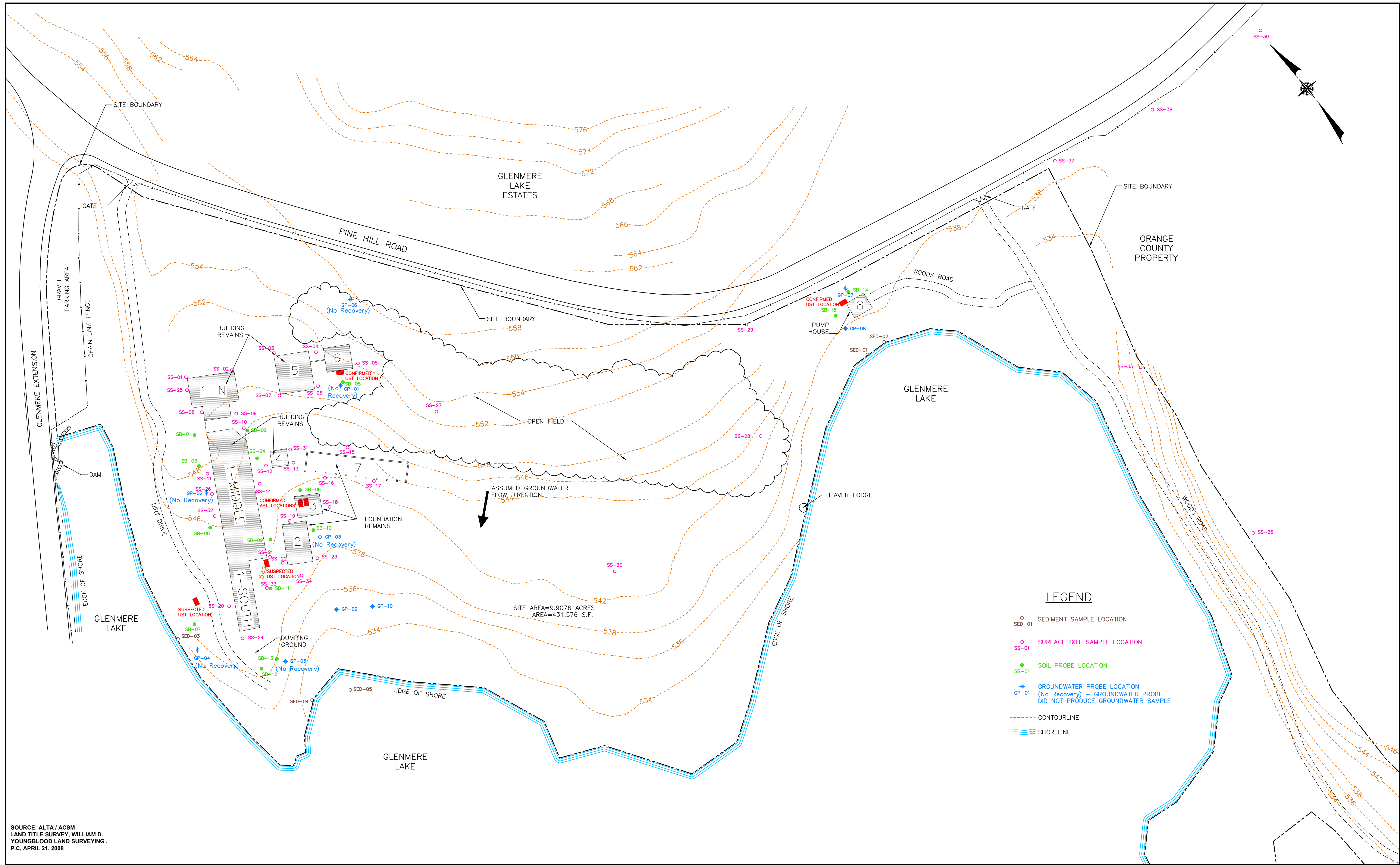
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## **APPENDIX D**

### **SOIL SAMPLE RESULTS**

*The Orange County Department of Parks, Recreation and Conservation makes no representation as to the accuracy of this data. This data is provided solely for the information and interpretation of the Prospective Bidders, to be used as they see fit.*

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SOURCE: ALTA / ACSM  
 LAND TITLE SURVEY, WILLIAM D.  
 YOUNGBLOOD LAND SURVEYING,  
 P.C., APRIL 21, 2008

NO.	DATE	REVISION	INT.

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DESIGNED BY: A.C.	CHECKED BY: T.F.

**db**  
**Dvirka**  
**and**  
**Bartilucci**  
 CONSULTING ENGINEERS  
 A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

ORANGE COUNTY DEPARTMENT OF PARKS  
 RECREATION AND CONSERVATION  
 ORANGE COUNTY NEW YORK  
**GLENMERE LAKE PROPERTY**

**COMPLETED SAMPLE LOCATION MAP**

PROJECT NO. 2777	DRAWING NO. 1
DATE: 5/27/08	
SCALE: 1"=40'	

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