

**February 20, 2019**  
**BOARD OF COUNTY COMMISSIONERS**  
**ORANGE COUNTY, FLORIDA**  
**Addendum No. 2, IFB Y19-723-RC**  
**KELLY PARK RESTROOM**

**Bid Opening Date: February 26, 2019**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

**A. The bid opening date remains February 26, 2019 at 2:00 P.M.**

**B. Additions, Revisions, Deletions, Clarifications, Questions and Answers:**

- 1. Question:** Will contractors be provided access to any service roads or gates that may facilitate easier access to the construction area?  
**Answer:** Yes, there is a gate in between the main Kelly Park Entrance and the Main Entrance to Camp Joy. Access to this gate will be given to the successful bidder.
- 2. Question:** Sheet E-201, note 5 says that all telecommunications and data wiring are to be installed by vendor. Does this note reference an Orange County vendor, or will this be the contractor's responsibility?  
**Answer:** Yes, this is an Orange County Vendor. Orange County will provide the data and telecommunications cabling and that the contractor is to provide and install all associated raceways, conduit and power required for the data and telecommunications cabling vendor. Contractor is responsible for coordinating all work and inspections with Orange County's data and telecommunications cabling vendor as it relates to completion of work, inspections and permit finals.
- 3. Question:** Will a separate demolition permit be required, or will the demolition activities be covered by the building permit for the new restroom building?  
**Answer:** Contractor needs to determine this as part of construction permitting. The plans have been approved by Orange County Commercial Plan Review. Should a separate permit be required, it will be the responsibility of the bidder to apply for and pull said permit. The County will reimburse the successful bidder for the fees required for this demolition permit.
- 4. Question:** Has there been an asbestos survey conducted for the existing restroom to be demolished?  
**Answer:** Yes. See attached PRE-DEMOLITION ASBESTOS SURVEY REPORT dated May 2017.

5. **Question:** Sheet A-001 includes a wall type legend that is not utilized. Please confirm where these wall types will be installed during construction activities.

**Answer:** Refer to interior elevations for more detail.

6. **Question:** Sheet A-101 includes a finish plan legend that is not utilized. Please confirm where each type of finish will be required in the building.

**Answer:** Refer to Addendum #2.

7. **Question:** Detail 1 on sheet S-104 includes a footing step detail, and references the foundation plan for the location of the footing step. The foundation plan on sheet S-102 does not reference this detail. Please indicate where a footing step will be required for the building foundation.

**Answer:** Footing steps for grade changes not anticipated to be needed at this time. However, contractor is responsible for coordination of building foundations with the topographic conditions as shown on C101.

8. **Question:** Specification section 10 21 13 paragraph 2.2 B, C, and D call for the toilet partitions on the project to be floor to ceiling anchored. Detail 3 on page A-501 includes a toilet partition detail showing ceiling-hung partitions with no floor anchoring. Please confirm that the design intent is for ceiling-hung partitions and not floor to ceiling anchored partitions.

**Answer:** Please follow details in drawings for ceiling-hung partitions.

#### C. ACKNOWLEDGEMENT OF ADDENDA

- a. The Bidder/Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid or proposal.
- b. All other terms and conditions of the IFB remain the same.
- c. **Receipt acknowledged by:**

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name of Firm

# **PRE-DEMOLITION ASBESTOS SURVEY REPORT**

**Kelly Park Camp Restroom  
400 East Kelly Park Road  
Apopka, Florida**

**GLE Project No.: 17270-00148**

**Prepared for:**

**Orange County Risk Management  
109 E. Church Street, Suite 200  
Orlando, Florida 32802**

**May 2017**

**Prepared by:**



**1155 S. Semoran Boulevard, Suite 3-1111  
Winter Park, Florida 32792  
407-658-4151 • Fax 407-658-4410**



May 5, 2017

Ms. Tisha Pence  
Orange County Risk Management  
109 E. Church Street, Suite 200  
Orlando, Florida 32802

**RE: Pre-Demolition Asbestos Survey Report  
Kelly Park Camp Restroom  
400 East Kelly Park Road  
Apopka, Florida**

GLE Project No.: 17270-00148

Dear Ms. Pence:

GLE Associates, Inc. (GLE) performed a pre-demolition survey for asbestos-containing materials on April 28, 2017, at the Kelly Park Camp Restroom, located in Apopka, Florida. The survey was performed by Mr. Joel Howard with GLE. This report outlines the sampling and testing procedures, and presents the results along with our conclusions and recommendations.

GLE appreciates the opportunity to serve as your consultant on this project. If you should have any questions, or if we can be of further service, please do not hesitate to call.

Sincerely,  
**GLE Associates, Inc.**

Joel Howard CIE, LEP  
Orlando Operations Manager

Robert B. Greene, PE, PG, CIH, LEED AP  
President  
Asbestos LAC # EA 0000009

JH/MBC/RBG/st

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GLE Associates, Inc.

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- Appendix A – Analytical Results and Chain of Custody
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## 1.0 INTRODUCTION

### 1.1 INTRODUCTION

The purpose of this demolition survey was to identify accessible asbestos-containing materials (ACMs) and their general locations within the Kelly Park Camp Restroom, in Apopka, Florida. The survey was conducted pursuant to national emission standards for hazardous air pollutants [NESHAP, 40 code of federal regulations (CFR) 61] requirements, associated with the scheduled demolition plans. The survey was performed on April 28, 2017, by Mr. Joel Howard, an Environmental Protection Agency/Asbestos Hazard Emergency Response Act (EPA/AHERA) accredited inspector. The scope of this survey did not include demolition of any building components, evaluation of architectural plans, or the quantification of materials for abatement purposes, or removal cost estimating.

### 1.2 FACILITY DESCRIPTION

A summary of the facility investigated is outlined in the table below.

Facility Type:	Commercial
Construction Date:	1987
Number of Floors:	One
<b>Exterior</b>	
Floor Support:	Concrete Slab on Grade
Wall Support:	Concrete Block
Exterior Finish:	Concrete Block
Roof System Type:	Asphalt Shingle
<b>Interior</b>	
Wall Substrate:	Concrete Block
Wall Finishes:	Paint, Surfacing
Floor Finishes:	Ceramic Tile
Ceiling System:	Plywood
Ceiling Finishes:	Paint

## 2.0 RESULTS

### 2.1 ASBESTOS SURVEY PROCEDURES

The survey was performed by visually observing accessible areas of the building. EPA/AHERA accredited inspector performed the visual observations (refer to Appendix B for personnel qualifications).

After the overall visual survey was completed, representative sampling areas were determined. The surveyor delineated homogeneous areas of suspect materials and samples of each material were obtained, in general accordance with regulations as established by the occupational safety and health administration (OSHA) and NESHAP. The field surveyor determined sample locations based on previous experience. Both friable and non-friable materials were sampled. A friable material is one that can be crushed when dry by normal hand pressure. This survey did not include the demolition of building components to access suspect material.

After completion of the fieldwork, the samples were delivered to GLE's National Voluntary Laboratory Accreditation Program accredited laboratory for analysis. The samples were analyzed by polarized light microscopy (PLM) coupled with dispersion staining, in general accordance with EPA-600/R-93/116. Utilizing this procedure, the various asbestos minerals (chrysotile, amosite, crocidolite, actinolite, tremolite, and anthophyllite) can be determined. The percentages of asbestos minerals in the samples were visually determined by the microscopist. Please note that the EPA designates all materials containing greater than one percent asbestos as an "asbestos-containing material."

Regulated ACM is defined as (a) Friable asbestos materials, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

Category I and Category II non-friable ACM, as defined by the EPA:

- Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, asphalt roofing products, and pliable sealants and mastics that are in good condition and not friable, containing more than 1% asbestos, as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM.
- Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than 1% asbestos as determined using the methods specified in Appendix E, Subpart E, 40 CFR Part 763 Section 1, PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

## **2.2 IDENTIFIED SUSPECT ASBESTOS-CONTAINING MATERIALS**

A total of 18 samples of suspect building materials were collected from the facility during the survey, representing six different identified homogeneous areas. The results of the laboratory analyses are included in Appendix A.

**TABLE 2.2-1: SUMMARY OF HOMOGENEOUS SAMPLING AREAS  
KELLY PARK CAMP RESTROOM - APOPKA, FLORIDA**

<b>HA #</b>	<b>HOMOGENEOUS MATERIAL DESCRIPTION</b>	<b>HOMOGENEOUS MATERIAL LOCATION</b>	<b>FRIABILITY (F/NF)</b>	<b>% ASBESTOS*</b>	<b># OF SAMPLES COLLECTED</b>	<b>APPROXIMATE QUANTITY</b>	<b>ACM CATEGORY</b>
S-1	Wall Surfacing	Interior Wall	NF	ND	3	NIS	NA
M-1	Grout	Interior Floor	NF	ND	3	NIS	NA
M-2	Terrazzo Shower Floor	Shower Floors	NF	ND	3	NIS	NA
M-3	Concrete	Slab	NF	ND	3	NIS	NA
RS-1	Brown Roof Shingles	Roof	NF	ND	3	NIS	NA
M-4	Roofing Felt	Roof	NF	ND	3	NIS	NA

<b>ASBESTOS CONTENT</b> Expressed as percent	* = The facility owner has the option of point-counting by polarized light microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.					
	PC = Results based on Point-Count analysis					
<b>FRIABILITY</b>	F = Friable Material				NF = Non-Friable Material	
<b>ACM CATEGORY</b>	RACM = Regulated ACM	CAT I = Category I non-friable ACM	CAT II = Category II non-friable ACM			
<b>ABBREVIATIONS:</b>	NA = Not Applicable	ND = None Detected	NIS = Not in Scope	C = Chrysotile	A = Amosite	
	HA = Homogeneous Area	SF = Square Feet	LF = Linear Feet	CF = Cubic Feet	AHU = Air Handler Unit	



## **3.0 CONCLUSIONS AND RECOMMENDATIONS**

### **3.1 GENERAL**

**No asbestos-containing materials were identified in the scope of this survey.**

## **4.0 LIMITATIONS AND CONDITIONS**

As a result of previous renovations, there may be hidden materials, such as floor tile, sheet vinyl flooring, insulation, etc. These materials may be found in various areas hidden under existing flooring materials or in wall cavities. Any materials found during construction activities, either not addressed in this survey report, or similar to the ACM identified in this survey report should be assumed to be ACM until sampling and analysis documents otherwise.

Because of the hidden nature of many building components (i.e. within mechanical chases), it may be impossible to determine if all of the suspect building materials have been located and subsequently tested. Destructive testing in some instances is not a viable option. We cannot, therefore, guarantee that all potential ACM has been located. For the same reasons, estimates of quantities and/or conditions are subject to readily apparent situations, and our findings reflect this condition. We do warrant, however, that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental industry.

The information contained in this report was prepared based upon specific parameters and regulations in force at the time of this report. The information herein is only for the specific use of the client and GLE. GLE accepts no responsibility for the use, interpretation, or reliance by other parties on the information contained herein, unless prior written authorization has been obtained from GLE.

**APPENDIX A**  
**Analytical Results and Chain of Custody**

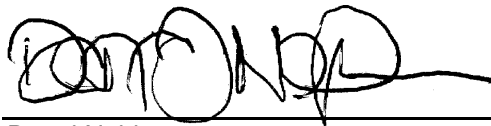
# SUMMARY OF BULK SAMPLE ANALYSIS

## OCRM; Kelly Park RR

17270-00148

Sample	Sample Type		Fiber Type
S-01A	Wall Surfacing	100%	Polymer, Quartz, Calcite, Clay, Mica
S-01B	Wall Surfacing	100%	Polymer, Quartz, Calcite, Clay, Mica
S-01C-QC	Wall Surfacing	100%	Polymer, Quartz, Calcite, Clay, Mica
M-01A	Grout	100%	Quartz, Calcite, Clay, Mica
M-01B	Grout	100%	Quartz, Calcite, Clay, Mica
M-01C	Grout	100%	Quartz, Calcite, Clay, Mica
M-02A	Terraco Floor	100%	Quartz, Calcite, Clay, Mica
M-02B	Terraco Floor	100%	Quartz, Calcite, Clay, Mica
M-02C	Terraco Floor	100%	Quartz, Calcite, Clay, Mica
M-03A	Concrete	100%	Quartz, Calcite, Clay, Mica
M-03B	Concrete	100%	Quartz, Calcite, Clay, Mica
M-03C	Concrete	100%	Quartz, Calcite, Clay, Mica
RS-01A-QC	Brown Roof Shingle	20% 80%	Glass Fibers Bitumen, Quartz, Calcite, Mica
RS-01B	Brown Roof Shingle	20% 80%	Glass Fibers Bitumen, Quartz, Calcite, Mica
RS-01C	Brown Roof Shingle	20% 80%	Glass Fibers Bitumen, Quartz, Calcite, Mica

Analyst / Approved  
Signatory:



Darryl Neldner

\* Polarized Light Microscopy coupled with dispersion is the technique used for identification in accordance with EPA 600/M4-82-020, EPA 600/R-93/116, and NIOSH Method 9002.

\*\* The percentage of each component is visually estimated. The result of this analysis relate only to the material tested. The report shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. (>1% greater than one percent, <1% less than one percent) QC - Sample reanalyzed for QA/QC.

\*\*\* This report shall not be reproduced except in full, without the written approval of the laboratory. GLE Report # 21109

Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

Report Date: 5/1/2017

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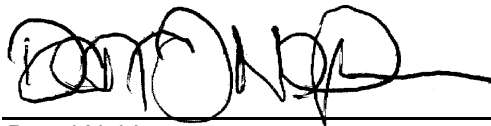
# SUMMARY OF BULK SAMPLE ANALYSIS

## OCRM; Kelly Park RR

17270-00148

Sample	Sample Type	Fiber Type
M-04A	Roofing Felt	100% Cellulose/paper
M-04B	Roofing Felt	100% Cellulose/paper
M-04C	Roofing Felt	100% Cellulose/paper

Analyst / Approved  
Signatory:



---

Darryl Neldner

\* Polarized Light Microscopy coupled with dispersion is the technique used for identification in accordance with EPA 600/M4-82-020, EPA 600/R-93/116, and NIOSH Method 9002.

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Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

Report Date: 5/1/2017

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**CHAIN OF CUSTODY/SAMPLE TRANSMITTAL FORM**



GLE Associates, Inc.  
 1155 S. Semoran Blvd., Suite 3-1111  
 Winter Park, FL 32792  
 PHONE: (407) 658-4151 FAX: (407) 658-4410

CLIENT:	OCRM	2/109
PROJECT #:	17270-00148	JAF-
PROJECT:	Kelly Park RR	
LABORATORY SENT TO:	GLE	
DATE:	4-28-17	

**SAMPLE INFORMATION**

SAMPLE #	DESCRIPTION	SAMPLE #	DESCRIPTION
S-1-A-C	Wall surfacing		
M-1-A-C	GROUT		
M-2-A-C	Terrazo shower floor		
M-3-A-C	Concrete		
RS-1-A-C	Roof Shingle Brown		
M-4-A-C	Roofing felt		

<b>IMPORTANT: TOTAL NUMBER OF SAMPLES SUBMITTED</b>	18
<b>IMPORTANT: POSITIVE STOP ANALYSIS</b>	no
<b>IMPORTANT: E-MAIL RESULTS TO</b>	showard@gleassociates.com nbruno@delkott

**NOTE:**

Turnaround time starts at receipt by lab and does not include weekend or holidays.

**Select Turnaround Time**

3 hour   
  6 Hour   
  24 Hour   
  48 Hour   
  3 Day   
  4 Day

**REPORT RESULTS TO THE ADDRESS ABOVE**

CHAIN OF CUSTODY: GLE ASSOCIATES, INC.		CHAIN OF CUSTODY: LABORATORY	
PACKAGED BY: Joel Howard	DATE PACKAGED: 4-28-17	SAMPLES RECEIVED BY:	DATE:
METHOD OF TRANSMITTAL: FedEx	TRANSMITTED BY: [Signature]	TIME:	CONDITION OF PACKAGED SAMPLES:
CHAIN OF CUSTODY: RETURNED TO GLE ASSOCIATES, INC.			
RECEIVED BY:	DATE:		
INVENTORIED BY:	DATE:		
REPACKAGED AND SEALED BY:	DATE:		
PAGE:                      OF			

**APPENDIX B**  
**Personnel and Laboratory Certifications**



STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT  
1940 NORTH MONROE STREET  
TALLAHASSEE FL 32399-0783

(850) 487-1395

GLE ASSOCIATES INC  
5405 CYPRESS CENTER DRIVE  
SUITE 110  
TAMPA FL 33609

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Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
ASBESTOS LICENSING UNIT

LICENSE NUMBER

ZA0000034

The ASBESTOS BUSINESS ORGANIZATION  
Named below IS LICENSED  
Under the provisions of Chapter 469 FS.  
Expiration date: NOV 30, 2017



GLE ASSOCIATES INC  
5405 CYPRESS CENTER DRIVE  
SUITE 110  
TAMPA FL 33609



ISSUED: 12/01/2015

DISPLAY AS REQUIRED BY LAW

SEQ # L1512010002475



**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**ASBESTOS LICENSING UNIT  
2601 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-0783**

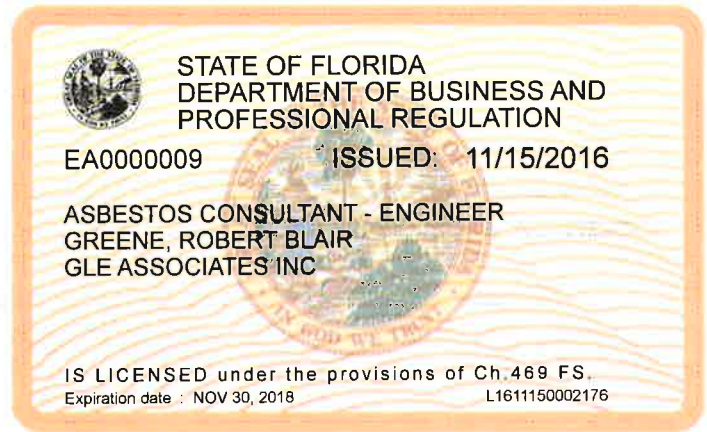
**(850) 487-1395**

**GREENE, ROBERT BLAIR  
GLE ASSOCIATES INC  
5405 CYPRESS CENTER DR  
SUITE 110  
TAMPA FL 33609**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

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Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
ASBESTOS LICENSING UNIT**

**LICENSE NUMBER**

EA0000009

The ASBESTOS CONSULTANT - ENGINEER  
Named below IS LICENSED  
Under the provisions of Chapter 469 FS.  
Expiration date: NOV 30, 2018

**GREENE, ROBERT BLAIR  
GLE ASSOCIATES INC  
5405 CYPRESS CENTER DR  
SUITE 110  
TAMPA FL 33609**



ISSUED: 11/15/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1611150002176



Center for Training, Research and Education for Environmental Occupations

certifies

**Joel Howard**

Risk Management Division, 109 E Church Street , Orlando, FL 32804

Having passed a 25-question exam with a score of 70% or higher has successfully met training requirements for

***Asbestos Refresher: Inspector***

FDBPR Asbestos Licensing Unit: Provider #0000995; Course #FL49-0004731 (1/2 Day; 3.40 Contact Hours)

**(Reaccreditation for Inspector under TSCA Title II/AHERA)**

*Conducted*

**07/26/2016**

**Certificate #: 170428-5661**

**Exam Date: 07/26/2016**

**EPA accreditation expires: 07/26/2017**

**Principal Instructor: Brian Duchene, PE, LAC**

**CEUs: .4**

**FBPR LAC: #0000995; Course #0004731**

**FBPE PDHs: #0004021; Course #0009083/Educational Institutions: 4 PDHs**

*Carol Hinton*

Carol Hinton, Associate Director

United States Department of Commerce  
National Institute of Standards and Technology



**Certificate of Accreditation to ISO/IEC 17025:2005**

**NVLAP LAB CODE: 102003-0**

**GLE Associates, Inc.**  
Tampa, FL

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2017-04-01 through 2018-03-31

*Effective Dates*



*[Signature]*  
For the National Voluntary Laboratory Accreditation Program