

Cut along the outer border and affix this label to your sealed bid envelope to identify it as a "Sealed Bid". Be sure to include the name of the company submitting the bid where requested.

SEALED BID ● DO NOT OPEN

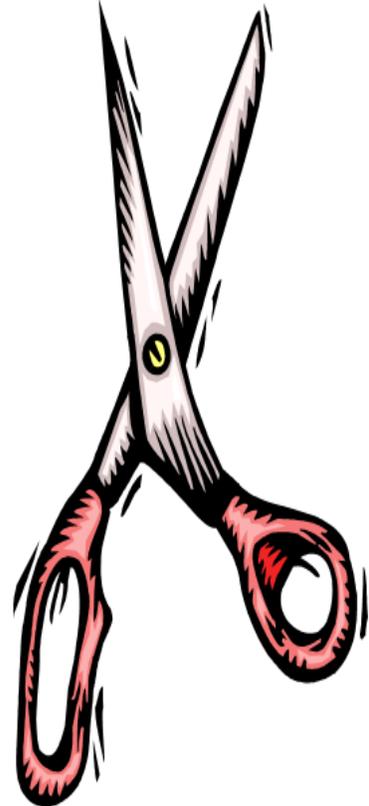
SEALED BID NO. : _____

BID TITLE: _____

DUE DATE/TIME: prior to 2:00 p.m.

SUBMITTED BY: _____
(Name of Company)

DELIVER TO: PROCUREMENT DEPARTMENT
302 W. Reynolds Street, 3rd Floor
Plant City, FL 33563



City of Plant City
302 W. Reynolds St.
Plant City, FL 33563

Request for Quote

DQ #16-9-12BD-MM	Date Issued: 9-19-16	Quotes Due Prior to 2:00 PM on 10-6-16
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Description: Demolition of Buildings and Tree Removal at 602 South Evers St., Plant City, Florida.

Scope of Work:

The City of Plant City, a political subdivision of the State of Florida, request quotes for the Demolition of all structures, as well as the tree adjacent to the old church building, located at 602 South Evers St., Plant City, Florida. Contractor must be a licensed demolition contractor and provide the City with certifications for asbestos abatement that will precede or occur during demolition.

An asbestos survey report is attached to this quote document that indicates there are asbestos containing materials in several locations. These asbestos containing materials must be properly removed by a Florida Licensed Asbestos Abatement Contractor prior to demolition activities that will impact the materials. Proper notification must be provided to the Hillsborough County Environmental Protection Commission prior to asbestos removal and demolition activities. Evidence of this notification shall be furnished to the City.

Disposition of demolition materials in the proper manner shall be the sole responsibility of the Contractor.

The tree adjacent to the old church building (shown on Exhibit A attached) shall be removed, including the stump, in such a fashion to leave a level dirt site. The contractor shall furnish any required fill dirt and the regrading of the site.

The demolition work includes removal of any concrete slabs (including sidewalks) which shall be taken back to dirt grade and then Bahia sod installed so that the entire site is level and grassed. Sod shall be watered for at least two (2) weeks after it has been installed.

Note: The City will disconnect all utilities from the buildings prior to the commencement of demolition activities. Upon request by the Contractor, the water meter shall be activated for use during the demolition of the buildings only.

Questions regarding this request should be directed to Buddy Storey, Procurement Manager at wstorey@plantcitygov.com.

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Vendors responding to this request are to use this REQUEST FOR QUOTE form.

The work described within this Scope of Work shall be performed for the amount of:

Total Price: \$ _____

Total Price Written Out _____

The successful vendor must submit a job specific certificate of insurance for general liability, automobile liability and worker's compensation in accordance with the requirements listed on attached Exhibit B.

Submitted by:	Title:
Signature:	Date:
Representing:	



**REPORT OF THE NESHAP DEMOLITION SURVEY, SAMPLING AND
EVALUATION OF ASBESTOS-CONTAINING MATERIALS**

at the

**CHURCH PROPERTY
602 EVERS STREET
PLANT CITY, FLORIDA**

**September 7, 2016
GE Project Number 2648-0100**

Submitted to:

**City of Plant City
Mr. Buddy Storey
Procurement Manager
302 West Reynolds St.
Plant City, Florida 33563**

Prepared by:

**Greenfield Environmental, Inc.
432 3rd Street North
St. Petersburg, Florida 33701**

EXECUTIVE SUMMARY

The survey and laboratory analysis conducted at the church property located at 602 Evers Street in Plant City, Florida indicated that six (6) of the materials sampled were found to contain asbestos in amounts greater than one (1) percent. These materials are a friable (Regulated) vinyl floor sheeting, four (4) types of Category I non-friable materials in the form of vinyl floor tiles, black flooring mastics and a roofing mastic and a Category II cement board siding.

These asbestos containing materials must be properly removed by a Florida Licensed Asbestos Abatement Contractor prior to demolition activities that will impact the materials. Proper notification must be provided to the Hillsborough County Environmental Protection Commission prior to asbestos removal activities.

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1.0 INTRODUCTION

A survey for asbestos-containing materials (ACMs) was conducted by Greenfield Environmental, Inc. (GE) at the church property located at 602 Evers Street in Plant City, Florida. The survey was performed on August 17, 2016 by Bill Titcomb and Eric Caplan, EPA Certified Inspectors for GE. GE is a Florida Licensed Asbestos Consulting Firm with a corresponding license number of ZA-0000268.

The survey was conducted in order to identify any asbestos-containing materials which may exist prior to demolition activities in accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP) Regulation.

More specifically, our scope of services for this project consisted of the five following steps:

- Site Walk-Through and Observations,
- Bulk Sampling of Suspect ACMs,
- Polarized Light Microscopy (PLM) Analysis of Bulk Samples,
- Hazard Assessment and Evaluation, and
- Final Report Development.

The findings of this report represent Greenfield Environmental, Inc.'s (GE) best professional judgement and no other warranty is expressed or implied. This report is intended only for the use of the **CITY OF PLANT CITY** and it's agents. The contents should not be relied upon by any other parties without the expressed written consent of GE.

2.0 FACILITY DESCRIPTION

The church property was observed to consist of a church, a residence and a modular classroom.

The church was observed to be a one (1) story building constructed of concrete and wood on a concrete slab foundation. The interior finishes consist of texture over block walls, a drywall system with tape and compound, ceramic tile, vinyl floor tile, vinyl floor sheeting, carpeting and ceiling tiles. The doors were hollow wood with cardboard, solid wood and metal with glass. The HVAC system consists of a split system with flexduct. The exterior finishes consist of concrete block and stucco. The roof consists of asphalt shingles over vapor barrier and a metal roof extension connecting to the residence.

The residence was observed to be a one (1) story building constructed of wood on a concrete pier foundation. The interior finishes consist of a drywall system with tape and compound, ceramic tile, vinyl floor tile, vinyl floor sheeting and carpeting. The doors were hollow wood with cardboard, solid wood and sliding metal with glass. The HVAC system consists of a split system with flexduct. The roof consists of asphalt shingles over a vapor barrier and a flat roof with rolled roofing connecting to the modular classroom.

The modular classroom was observed to be a single story modular building constructed of wood on a pier foundation. The interior finishes consist of wood paneling, vinyl base cove, ceiling tile and carpeting. The HVAC system was observed to be a split system with flexduct and fiberglass duct-board. The roof consists of asphalt shingles over a vapor barrier and a flat roof with rolled roofing connecting to the residence.

3.0 SURVEY METHODS AND LABORATORY ANALYSIS

The sampling conducted in this asbestos survey was performed in accordance with Title 40, Code of Federal Regulations (CFR), Part 763 for suspect ACMs. The EPA regulations require that sample locations be randomly selected. All suspect asbestos-containing materials and PACM (materials presumed to contain asbestos under the OSHA Asbestos Rule, 29 CFR 1910) were identified and samples of each different material were obtained.

The bulk sampling procedure utilized for collection of suspect samples required the establishment of homogeneous sampling areas. A homogeneous sampling area is defined as an area of friable or non-friable material of similar type that appeared to be applied or installed during the same general period of time. All sample locations were identified with numbers corresponding to those listed in Section 5.0 "Description of Materials" of this report.

Samples which were collected from these pre-determined homogeneous sampling areas were labeled and transported to Air Quality Environmental, Inc. (NVLAP No. 200759-0) for analysis. All samples were analyzed using EPA approved Polarized Light Microscopy (PLM) coupled with dispersion staining. Properties such as refractive indices, birefringence, sign of elongation and extinction angle are unique to crystalline asbestos forms and are used to identify the type of asbestos mineral as chrysotile, amosite, crocidolite, anthophyllite, tremolite or actinolite. Percentages of the identified types of asbestos are determined by visual estimation. Attempts are made to mix the sample thoroughly to provide a more accurate percentage. Any material containing greater than one percent (1) by weight of any type of asbestos is considered by the EPA to be an ACM and if disturbed must be handled according to specific regulations.

4.0 SUSPECTED ASBESTOS-CONTAINING MATERIALS

The following is a summary of the materials sampled and tested during the survey and evaluation of the church property:

- Plaster
- Drywall, Tape and Compound
- Ceramic Tile with Thinset and Grout
- Vinyl Floor Tile with Mastic
- Vinyl Floor Sheeting with Mastic
- Vinyl Paneling with Mastic
- Textures
- Sink Undercoating Mastic
- Vapor Barrier
- Asphalt Shingles
- Rolled Roofing
- Cement Board Siding
- Roofing Mastics
- Ceiling Tile
- Stucco
- Roof Coating
- Window Glazing
- Vinyl Base Cove

5.0 DESCRIPTION OF MATERIALS

The following is a description of the materials sampled at the church property:

Homo. Area	Sample Number	Description/ Location	Asbestos Content	Friability	Condition	Approx. Quantity
CHURCH						
1	01 02 03	Drywall, Tape and Compound Located at the South Entrance, North Entrance and the Alter Wall Areas	No Asbestos Detected	Friable	Good	----
2	04 05 06 07 08	1" x 1" White Ceiling Tiles Located at the Open Room Ceiling Areas	No Asbestos Detected	Friable	Good	-----
3	09 10 11	2' x 4' Dot and Worm Ceiling Tile Located at the South Entrance Ceiling Areas	No Asbestos Detected	Friable	Good	----
4	12 13 14	Texture Over Plaster Located at the Open Room East And West Concrete Block Wall Areas	No Asbestos Detected	Friable	Good	----
5	15 16 17	4" x 6 White Ceramic Tile with Thinset and Grout Located at the Window Sill Areas	No Asbestos Detected	Non-Friable	Good	----
6	18 19 20	12" x 12" Tan and Grey Vinyl Floor Tile with Mastic Located at the Southwest Entrance Floors and in Open Room Under the Carpeted Floor Areas	Tile- 2% Chrysotile Asbestos Mastic- No Asbestos Detected	Friable	Good	1200 Square Feet

Homo. Area	Sample Number	Description/ Location	Asbestos Content	Friability	Condition	Approx. Quantity
7	21 22 23	12" x 12" White with Green Specs Vinyl Floor Tile with Black Mastic Located at the Southwest Closet and Southeast Room (Under Carpet) Floor Areas	Tile- No Asbestos Detected Black Mastic- 4% Chrysotile Asbestos	Non-Friable	Good	300 Square Feet
8	24 25 26	12" x 12" Yellow Stone Patterned Vinyl Floor Tile with Mastic Located at the North Entrance (Under Carpet) Floor Areas	No Asbestos Detected	Non-Friable	Good	-----
9	27 28 29	Yellow Vinyl Floor Sheeting with Mastic Located at the North Bathroom Hallways (Under Carpet) and Two (2) Bathrooms (Under Ceramic) Floor Areas	20% Chrysotile Asbestos	Friable	Good	200 Square Feet
10	30 31 32	9" x 9" Brown Vinyl Floor Tile with Black Mastic Located at the North Bathroom Hallway and Northeast Room (Bottom Layer Under Carpet and Under HA #'s 9, 11 and 12) Floor Areas	Tile- 4% Chrysotile Asbestos Black Mastic- 6% Chrysotile Asbestos	Non-Friable	Good	400 Square Feet
11	33 34 35	Yellow Vinyl Floor Sheeting with Mastic Located at the Northeast Room (Top Layer) Floor Areas	No Asbestos Detected	Friable	Good	-----

Homo. Area	Sample Number	Description/ Location	Asbestos Content	Friability	Condition	Approx. Quantity
12	36 37 38	Yellow and Brown Decorative Patterned Vinyl Floor Sheeting with Mastic Located at the Northeast Room (2 nd Layer) Floor Areas	No Asbestos Detected	Friable	Good	----
13	39 40 41	9" x 9" White Ceramic Tile with Thinset and Grout Located at the Two (2) Bathroom Floor Areas	No Asbestos Detected	Non-Friable	Good	----
14	42 43 44	White Vinyl Paneling with Mastic Located at the North Bathroom Hallway South Wall Areas	No Asbestos Detected	Non-Friable	Good	-----
15	45 46 47 48 49	White Stucco Located at the Exterior Block Wall Areas	No Asbestos Detected	Friable	Good	----
CHURCH PROPERTY ROOFING AREAS						
16	50 51 52	Double Layer of Grey Asphalt Shingles Over Vapor Barrier Located at the Church and House Pitched Roof Areas	No Asbestos Detected	Non-Friable	Good	-----
17	53 54 55	Silver and Black Mastic at the Residence Roof Penetration Areas	No Asbestos Detected	Non-Friable	Good	----
18	56 57 58	Black Mastic Located at the Residence Flat Roof Flashing Areas	4% Chrysotile Asbestos	Non-Friable	Good	20 Square Feet
19	59 60 61	Silver Surface Coating with Mastic Located at the Classroom Roof Patch Areas	No Asbestos Detected	Non-Friable	Good	----

Homo. Area	Sample Number	Description/ Location	Asbestos Content	Friability	Condition	Approx. Quantity
20	62 63 64	Double Layer of Brown Asphalt Shingles Over Vapor Barrier Located at the Classroom Pitched Roof Areas	No Asbestos Detected	Non-Friable	Good	----
21	65 66 67	Black and Grey Rolled Roofing with Mastic Over Vapor Barrier Located at the Classroom Flat Roof Areas	No Asbestos Detected	Non-Friable	Good	----
RESIDENCE						
22	68 69 70 71 72	Drywall, Tape and Compound Located at the Wall and Ceiling Areas	No Asbestos Detected	Friable	Good	----
23*	73 74 75 76 77	Knock Down Texture Located at the Walls and Kitchen Ceiling Areas	Trace Chrysotile Asbestos Found	Friable	Good	----
24*	78 79 80 81 82	Popcorn Ceiling Texture Located at the Living Room, Hallway, Two (2) Bedrooms and Bathroom Ceiling Areas	Trace Chrysotile Asbestos Found	Friable	Good	----
25	83 84 85	Grey Square and Rectangle Pattern Vinyl Floor Sheeting with Mastic Located at the Kitchen Floor Areas	No Asbestos Detected	Friable	Good	----
26*	86 87 88	Yellow Troweled On Texture Located at the Bathroom Wall Areas	Trace Chrysotile Asbestos Found	Friable	Good	----
27	89 90 91	Yellow Vinyl Floor Sheeting with Mastic Located at the Bathroom Floor Areas (Top Layer)	No Asbestos Detected	Friable	Good	----

Homo. Area	Sample Number	Description/ Location	Asbestos Content	Friability	Condition	Approx. Quantity
28	92 93 94	12" x 12" Yellow Cracked Stone Patterned Vinyl Floor Tile with Mastic Located at the Bathroom Floor Area (Bottom Layer)	No Asbestos Detected	Non-Friable	Good	----
29	95 96	Black Sink Mastic Undercoating Located at the Kitchen Sink Areas	No Asbestos Detected	Non-Friable	Good	----
30	97 98 99	White Cement Board Siding Located at the South Exterior Walls (Behind Metal Siding) and at the North Room Interior South Wall Areas	25% Chrysotile Asbestos	Non-Friable	Good	500 Square Feet
31	100 101 102	White Window Glazing Located at the North Room Interior Window Seam Areas	No Asbestos Detected	Non-Friable	Good	----
CLASSROOM						
32	103 104 105	2' x 4' Dot and Furrow Ceiling Tile Located at the Ceiling Areas	No Asbestos Detected	Friable	Good	----
33	106 107	6" Black Vinyl Base Cove with Mastic Located at the Lower Wall Areas	No Asbestos Detected	Non-Friable	Good	----

Note-Quantities are provided for convenience only and shall not be used for any bidding purposes.

***These materials were further analyzed via the point count method and were found not to be an asbestos containing material.**

6.0 CONCLUSIONS

The results of our observations and laboratory testing at the church property located at 602 Evers Street in Plant City, Florida indicated that out of the one hundred and seven (107) samples collected, six (6) of the materials sampled were determined to contain asbestos in amounts greater than one (1) percent.

Friable (Regulated) material was discovered during our inspection in the form of vinyl floor sheeting. Friable ACMs are those which, when dry, may be crumbled or reduced to powder by hand pressure. Friable ACMs pose the greatest threat to human health because of the tendency to release harmful asbestos fibers into the air when disturbed.

Category I non-friable asbestos-containing materials were discovered during our survey in the form of vinyl floor tiles, black flooring mastics and roofing mastic. Category I non-friable asbestos-containing materials are those in which the asbestos fibers are bound with other materials in such a way that the release of those fibers into the air from casual contact or normal wear is unlikely. If these materials are left undisturbed, they present a low threat to release harmful asbestos fibers. Category I non-friable ACMs should not be removed, cut or abraded in any way as these actions may result in a significant fiber release episode.

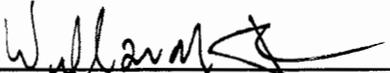
Category II non-friable asbestos-containing materials were discovered during our survey in the form of cement board siding. Category II non-friable ACMs are any non-friable ACMs, excluding Category I non-friable ACMs, which when dry can become friable. If this material is left undisturbed, it presents a low threat to release harmful asbestos fibers.

Category II non-friable materials should not be removed, cut or abraded in any way as these actions may result in a significant fiber release episode.

These asbestos containing materials must be properly removed by a Florida Licensed Asbestos Abatement Contractor prior to demolition activities that will impact the materials. Proper notification must be provided to the Hillsborough County Environmental Protection Commission prior to asbestos removal and demolition activities.

PROFESSIONAL CERTIFICATIONS

The discussions and conclusions contained in this asbestos survey have been prepared and reviewed by the following certified professionals.



William Titcomb
Project Manager
AHERA Inspector #91815321



Michael W. Rothenburg, PE
Florida Licensed Asbestos Consultant
#EA0000041

APPENDIX A

PLM LABORATORY ANALYTICAL RESULTS



Air Quality Environmental, Inc.

Laboratory Services

9325 Seminole Boulevard, Seminole, Florida 33772 (727) 398-0900 FAX (727) 398-0996

Client Name: Greenfield Environmental
432 3rd Street North
St. Petersburg, Florida 33701

Project Name: City of Plant City #2648-0100
602 Evers St, Plant City, FL
Date Analyzed: August 23, 2016

Asbestos, Bulk Sample Analysis

Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA 600/M4-82-020

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders
321906	1	Drywall System	drywall mat	NAD	93% Cellulose	7% Binders (paint)
			drywall powder	NAD	5% Cellulose	95% Gypsum and Binders
321907	2	Drywall System	drywall mat	NAD	93% Cellulose	7% Binders (paint)
			drywall powder	NAD	5% Cellulose	95% Gypsum and Binders
321908	3	Drywall System	drywall mat	NAD	93% Cellulose	7% Binders (paint)
			drywall powder	NAD	5% Cellulose	95% Gypsum and Binders
321909	4	Ceiling Tile	white / tan	NAD	95% Cellulose	5% Binders
321910	5	Ceiling Tile	white / tan	NAD	95% Cellulose	5% Binders
321911	6	Ceiling Tile	white / tan	NAD	95% Cellulose	5% Binders
321912	7	Ceiling Tile	white / tan	NAD	95% Cellulose	5% Binders
321913	8	Ceiling Tile	white / tan	NAD	95% Cellulose	5% Binders
321914	9	Ceiling Tile	white / tan	NAD	45% Cellulose 10% Mineral Wool	45% Perlite and Binders
321915	10	Ceiling Tile	white / tan	NAD	45% Cellulose 10% Mineral Wool	45% Perlite and Binders
321916	11	Ceiling Tile	white / tan	NAD	45% Cellulose 10% Mineral Wool	45% Perlite and Binders
321917	12	Plaster	tan / gray	NAD		100% Quartz and Binders
321918	13	Plaster	tan / gray	NAD		100% Quartz and Binders
321919	14	Plaster	tan / gray	NAD		100% Quartz and Binders
321920	15	Ceramic Tile	white tile	NAD		100% Quartz and Binders
			gray thinset	NAD		100% Quartz and Binders

†These samples were analyzed by layers. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than 1% asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials which are friable or may become friable, be further analyzed by point counting when the results indicate less than 10% asbestos by CVAE. Air Quality Environmental utilizes CVAE on a routine basis and does not include point counting unless specifically requested. Additionally, these results may not be reproduced except in full. This report data is to be interpreted only by the person (s) whom have collected the samples. Furthermore, this report may not be used as a claim to product certification, approval or endorsement by NVLAP, NIST or any other agency of the Federal Government.

†Floor Tile and other resinously bound materials, when analyzed by EPA method, may yield false negative results because of limitations in separating closely bound fibers and in detecting fibers of small length and diameter. When a definitive result is required, AQE recommends utilizing alternative methods of identification, including Transmission Electron Microscopy.

Analyzed by:

Leanne Giles
Microscopist

Client Name: Greenfield Environmental
 432 3rd Street North
 St. Petersburg, Florida 33701

Project Name: City of Plant City #2648-0100
 602 Evers St, Plant City, FL
 Date Analyzed: August 23, 2016

Asbestos, Bulk Sample Analysis

Test Method: PLM / DS - EPA Method 600/R-93/116

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders	
321921	16	Ceramic Tile	white tile gray thinset	NAD NAD		100% Quartz and Binders 100% Quartz and Binders	
321922	17	Ceramic Tile	white tile gray thinset	NAD NAD		100% Quartz and Binders 100% Quartz and Binders	
321923	18	Flooring	tan tile tan mastic	2% Chrysotile NAD		98% Carbonates and Binders 100% Binders	
321924	19	Flooring	Not Analyzed, Stop At First Positive				
321925	20	Flooring	Not Analyzed, Stop At First Positive				
321926	21	Flooring	yellow mastic tan tile black mastic	NAD NAD 4% Chrysotile		100% Binders 100% Carbonates and Binders 96% Bitumen and Binders	
321927	22	Flooring	Not Analyzed, Stop At First Positive				
321928	23	Flooring	Not Analyzed, Stop At First Positive				
321929	24	Flooring	yellow mastic white tile tan mastic	NAD <1% Chrysotile NAD		100% Binders >99% Carbonates and Binders 100% Binders	
321930	25	Flooring	yellow mastic white tile tan mastic	NAD <1% Chrysotile NAD		100% Binders >99% Carbonates and Binders 100% Binders	
321931	26	Flooring	yellow mastic white tile tan mastic	NAD <1% Chrysotile NAD		100% Binders >99% Carbonates and Binders 100% Binders	
321932	27	Flooring	tan vinyl tan mastic	20% Chrysotile NAD	10% Cellulose	70% Synthetics and Binders 100% Binders	
321933	28	Flooring	Not Analyzed, Stop At First Positive				
321934	29	Flooring	Not Analyzed, Stop At First Positive				

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Project Name: City of Plant City #2648-0100
 602 Evers St, Plant City, FL
 Date Analyzed: August 23, 2016

Asbestos, Bulk Sample Analysis

Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA 600/M4-82-020

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders
321935	30	Flooring	brown tile black mastic	4% Chrysotile 6% Chrysotile		96% Carbonates and Binders 94% Bitumen and Binders
321936	31	Flooring	Not Analyzed, Stop At First Positive			
321937	32	Flooring	Not Analyzed, Stop At First Positive			
321938	33	Flooring	yellow vinyl	NAD	10% Cellulose	90% Synthetics and Binders
321939	34	Flooring	yellow vinyl	NAD	10% Cellulose	90% Synthetics and Binders
321940	35	Flooring	yellow vinyl	NAD	10% Cellulose	90% Synthetics and Binders
321941	36	Flooring	wht / tan vinyl yellow mastic	NAD NAD	25% Cellulose	75% Synthetics and Binders 100% Binders
321942	37	Flooring	wht / tan vinyl yellow mastic	NAD NAD	25% Cellulose	75% Synthetics and Binders 100% Binders
321943	38	Flooring	wht / tan vinyl yellow mastic	NAD NAD	25% Cellulose	75% Synthetics and Binders 100% Binders
321944	39	Ceramic Tile	white tile gray grout gray thinset	NAD NAD NAD		100% Quartz and Binders 100% Quartz and Binders 100% Quartz and Binders
321945	40	Ceramic Tile	white tile gray grout gray thinset	NAD NAD NAD		100% Quartz and Binders 100% Quartz and Binders 100% Quartz and Binders
321946	41	Ceramic Tile	white tile gray grout gray thinset	NAD NAD NAD		100% Quartz and Binders 100% Quartz and Binders 100% Quartz and Binders
321947	42	Paneling	white panel white mastic	NAD NAD	40% Glass Fibers	60% Carbonates and Binders 100% Carbonates and Binders
321948	43	Paneling	white panel white mastic	NAD NAD	40% Glass Fibers	60% Carbonates and Binders 100% Carbonates and Binders
321949	44	Paneling	white panel white mastic	NAD NAD	40% Glass Fibers	60% Carbonates and Binders 100% Carbonates and Binders
321950	45	Stucco	white / gray	NAD		100% Quartz and Binders

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Leanne Giles
Microscopist

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Asbestos, Bulk Sample Analysis

Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA 600/M4-82-020

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders	
321951	46	Stucco	white / gray	NAD		100% Quartz and Binders	
321952	47	Stucco	white / gray	NAD		100% Quartz and Binders	
321953	48	Stucco	white / gray	NAD		100% Quartz and Binders	
321954	49	Stucco	white / gray	NAD		100% Quartz and Binders	
321955	50	Roofing Material	shingle layers felt layer	NAD NAD	30% Glass Fibers 40% Cellulose	70% Bitumen and Binders 60% Bitumen and Binders	
321956	51	Roofing Material	shingle layers felt layer	NAD NAD	30% Glass Fibers 40% Cellulose	70% Bitumen and Binders 60% Bitumen and Binders	
321957	52	Roofing Material	shingle layers felt layer	NAD NAD	30% Glass Fibers 40% Cellulose	70% Bitumen and Binders 60% Bitumen and Binders	
321958	53	Roofing Material	blk / gry mastic	NAD	15% Cellulose	85% Bitumen and Binders	
321959	54	Roofing Material	blk / gry mastic	NAD	15% Cellulose	85% Bitumen and Binders	
321960	55	Roofing Material	blk / gry mastic	NAD	15% Cellulose	85% Bitumen and Binders	
321961	56	Roofing Material	black mastic	4% Chrysotile		96% Bitumen and Binders	
321962	57	Roofing Material	Not Analyzed, Stop At First Positive				
321963	58	Roofing Material	Not Analyzed, Stop At First Positive				
321964	59	Roofing Material	silver surfacing	NAD	5% Cellulose	95% Bitumen and Binders	
321965	60	Roofing Material	silver surfacing	NAD	5% Cellulose	95% Bitumen and Binders	
321966	61	Roofing Material	silver surfacing	NAD	5% Cellulose	95% Bitumen and Binders	
321967	62	Roofing Material	shingle layers felt layer	NAD NAD	30% Glass Fibers 40% Cellulose	70% Bitumen and Binders 60% Bitumen and Binders	
321968	63	Roofing Material	shingle layers felt layer	NAD NAD	30% Glass Fibers 40% Cellulose	70% Bitumen and Binders 60% Bitumen and Binders	
321969	64	Roofing Material	shingle layers felt layer	NAD NAD	30% Glass Fibers 40% Cellulose	70% Bitumen and Binders 60% Bitumen and Binders	

†These samples were analyzed by layers. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than 1% asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials which are friable or may become friable, be further analyzed by point counting when the results indicate less than 10% asbestos by CVAE. Air Quality Environmental utilizes CVAE on a routine basis and does not include point counting unless specifically requested. Additionally, these results may not be reproduced except in full. This report data is to be interpreted only by the person (s) whom have collected the samples. Furthermore, this report may not be used as a claim to product certification, approval or endorsement by NVLAP, NIST or any other agency of the Federal Government.

†Floor Tile and other resinously bound materials, when analyzed by EPA method, may yield false negative results because of limitations in separating closely bound fibers and in detecting fibers of small length and diameter. When a definitive result is required, AQE recommends utilizing alternative methods of identification, including Transmission Electron Microscopy.

Analyzed by:



Leanne Giles
 Microscopist

Client Name: Greenfield Environmental
 432 3rd Street North
 St. Petersburg, Florida 33701

Project Name: City of Plant City #2648-0100
 602 Evers St, Plant City, FL
 Date Analyzed: August 23, 2016

Asbestos, Bulk Sample Analysis

Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA 600/M4-82-020

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders
321970	65	Roofing Material	shingle layer	NAD	30% Glass Fibers	70% Bitumen and Binders
			felt layer	NAD	40% Cellulose	60% Bitumen and Binders
321971	66	Roofing Material	shingle layer	NAD	30% Glass Fibers	70% Bitumen and Binders
			felt layer	NAD	40% Cellulose	60% Bitumen and Binders
321972	67	Roofing Material	shingle layer	NAD	30% Glass Fibers	70% Bitumen and Binders
			felt layer	NAD	40% Cellulose	60% Bitumen and Binders
321973	68	Drywall System	drywall mat	NAD	100% Cellulose	
			drywall powder	NAD	6% Cellulose	94% Gypsum and Binders
321974	69	Drywall System	drywall mat	NAD	100% Cellulose	
			drywall powder	NAD	6% Cellulose	94% Gypsum and Binders
321975	70	Drywall System	drywall mat	NAD	100% Cellulose	
			drywall powder	NAD	6% Cellulose	94% Gypsum and Binders
321976	71	Drywall System	drywall mat	NAD	100% Cellulose	
			drywall powder	NAD	6% Cellulose	94% Gypsum and Binders
321977	72	Drywall System	drywall mat	NAD	100% Cellulose	
			drywall powder	NAD	6% Cellulose	94% Gypsum and Binders
321978	73	Texture	wht compound	NAD		100% Carbonates and Binders
			tan compound	<1% Chrysotile		>99% Carbonates and Binders
321979	74	Texture	wht compound	NAD		100% Carbonates and Binders
321980	75	Texture	wht compound	NAD		100% Carbonates and Binders
321981	76	Texture	wht compound	NAD		100% Carbonates and Binders
321982	77	Texture	wht compound	NAD		100% Carbonates and Binders
			tan compound	<1% Chrysotile		>99% Carbonates and Binders
321983	78	Popcorn Texture	wht compound	NAD		100% Carbonates and Binders
321984	79	Popcorn Texture	wht compound	NAD		100% Carbonates and Binders
321985	80	Popcorn Texture	wht compound	NAD		100% Carbonates and Binders
321986	81	Popcorn Texture	wht compound	NAD		100% Carbonates and Binders

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Analyzed by:



Leanne Giles
 Microscopist

Client Name: Greenfield Environmental
 432 3rd Street North
 St. Petersburg, Florida 33701

Project Name: City of Plant City #2648-0100
 602 Evers St, Plant City, FL
 Date Analyzed: August 23, 2016

Asbestos, Bulk Sample Analysis

Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA 600/M4-82-020

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders
321987	82	Popcorn Texture	wht compound	NAD		100% Carbonates and Binders
321988	83	Flooring	gray vinyl	NAD	20% Cellulose 10% Synth. Fibers	70% Synthetics and Binders
			tan mastic	NAD		100% Binders
321989	84	Flooring	gray vinyl	NAD	20% Cellulose 10% Synth. Fibers	70% Synthetics and Binders
			tan mastic	NAD		100% Binders
321990	85	Flooring	gray vinyl	NAD	20% Cellulose 10% Synth. Fibers	70% Synthetics and Binders
			tan mastic	NAD		100% Binders
321991	86	Texture	wht compound	NAD		100% Carbonates and Binders
			tan compound	<1% Chrysotile		>99% Carbonates and Binders
321992	87	Texture	tan compound	NAD	5% Cellulose	95% Carbonates and Binders
321993	88	Texture	wht compound	NAD		100% Carbonates and Binders
321994	89	Flooring	yellow vinyl	NAD	10% Glass Fibers	90% Synthetics and Binders
321995	90	Flooring	yellow vinyl	NAD	10% Glass Fibers	90% Synthetics and Binders
321996	91	Flooring	yellow vinyl	NAD	10% Glass Fibers	90% Synthetics and Binders
321997	92	Flooring	tan / blk vinyl	NAD		100% Carbonates and Binders
			yellow mastic	NAD		100% Binders
321998	93	Flooring	tan / blk vinyl	NAD		100% Carbonates and Binders
			yellow mastic	NAD		100% Binders
321999	94	Flooring	tan / blk vinyl	NAD		100% Carbonates and Binders
			yellow mastic	NAD		100% Binders
322000	95	Sink Undercoat	black	NAD		100% Bitumen and Carbonates
322001	96	Sink Undercoat	black	NAD		100% Bitumen and Carbonates

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Analyzed by:



Leanne Giles
 Microscopist

Client Name: Greenfield Environmental
 432 3rd Street North
 St. Petersburg, Florida 33701

Project Name: City of Plant City #2648-0100
 602 Evers St, Plant City, FL
 Date Analyzed: August 23, 2016

Asbestos, Bulk Sample Analysis

Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA 600/M4-82-020

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders	
322002	97	Siding	wht / gry panel felt paper	25% Chrysotile NAD	40% Cellulose	75% Binders 60% Bitumen and Binders	
322003	98	Siding	Not Analyzed, Stop At First Positive				
322004	99	Siding	Not Analyzed, Stop At First Positive				
322005	100	Window Glaze	white / tan	NAD		100% Carbonates and Binders	
322006	101	Window Glaze	white / tan	NAD		100% Carbonates and Binders	
322007	102	Window Glaze	white / tan	NAD		100% Carbonates and Binders	
322008	103	Ceiling Tile	white / tan	NAD	45% Cellulose 15% Mineral Wool	40% Perlite and Binders	
322009	104	Ceiling Tile	white / tan	NAD	45% Cellulose 15% Mineral Wool	40% Perlite and Binders	
322010	105	Ceiling Tile	white / tan	NAD	45% Cellulose 15% Mineral Wool	40% Perlite and Binders	
322011	106	Cove Base	brown base tan mastic	NAD NAD		100% Carbonates and Binders 100% Binders	
322012	107	Cove Base	brown base tan mastic	NAD NAD		100% Carbonates and Binders 100% Binders	

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Analyzed by:



Leanne Giles
Microscopist

APPENDIX B

LABORATORY POINT COUNT METHODOLOGY RESULTS



Air Quality Environmental, Inc.

Environmental Consultants & Laboratory Services

9325 Seminole Boulevard, Seminole, Florida 33772 (727) 398-0900 FAX (727) 398-0996

Client Name: Greenfield Environmental
432 3rd Street North
St. Petersburg, Florida 33701

Project Name: 2648-0100 City of Plant City
602 Evers St., Plant City, Florida
Date Analyzed: September 7, 2016

Asbestos Point Count

Test Method: PLM / DS - EPA Method 600/R-93/116 and EPA 600/M4-82-020

New AQE Laboratory Number: 325039
Original AQE Laboratory Number: 321978
Client Number: 73
Sample Identification: Tan Compound

Asbestos Points / Non Empty Points: 0 Chrysotile / 400 non-empty points

Asbestos Percentage: Observed 0/400X100% = Trace% Asbestos

Comments: Chrysotile asbestos observed, but not overlain by countable point, therefore concentration is Tr. Asbestos

New AQE Laboratory Number: 325040
Original AQE Laboratory Number: 321982
Client Number: 77
Sample Identification: Tan Compound

Asbestos Points / Non Empty Points: 0 Chrysotile / 400 non-empty points

Asbestos Percentage: Observed 0/400X100% = Trace% Asbestos

Comments: Chrysotile asbestos observed, but not overlain by countable point, therefore concentration is Tr. Asbestos

New AQE Laboratory Number: 325041
Original AQE Laboratory Number: 321991
Client Number: 86
Sample Identification: Tan Compound

Asbestos Points / Non Empty Points: 0 Chrysotile / 400 non-empty points

Asbestos Percentage: Observed 0/400X100% = Trace% Asbestos

Comments: Chrysotile asbestos observed, but not overlain by countable point, therefore concentration is Tr. Asbestos

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Analyzed by:

Wolfgang Paltian
Microscopist

Lab File Number: 37708

Reference Lab File Number: 37484

NVLAP Lab Code 200759-0

APPENDIX C
CERTIFICATIONS

Asbestos Online Training, LLC

13987 94th Avenue N Seminole, FL 33776

727-593-3067

Asbestos Survey & Mechanical (AHERA Building
Inspector) Refresher Training

This is to certify that

William Titcomb

Training was in accordance with Title II of TSCA, 40 CFR
Part 763. Appendix C to Subpart E as revised

Date of Course Examination 9/18/2015

Date of Course Completion 9/18/2015

Expiration Date 9/18/2016

Certificate # 91815321

Course # FL-490006359 Provider # FL-490005406



INSTRUCTOR



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

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

(850) 487-1395

**GREENFIELD ENVIRONMENTAL INC
MICHAEL ROTHENBURG
432 3RD STREET NORTH
ST. PETERSBURG FL 33701**

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 barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

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!

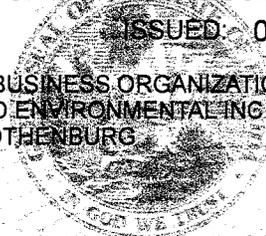


**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION**

ZA0000268

ISSUED: 09/10/2015

**ASBESTOS BUSINESS ORGANIZATION
GREENFIELD ENVIRONMENTAL INC
MICHAEL ROTHENBURG**



**IS LICENSED under the provisions of Ch. 469 FS.
Expiration date : NOV 30, 2017 L1509100002639**

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

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

LICENSE NUMBER

ZA0000268

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

**GREENFIELD ENVIRONMENTAL INC
MICHAEL ROTHENBURG
432 3RD STREET NORTH
ST. PETERSBURG FL 33701**



ISSUED: 09/10/2015

DISPLAY AS REQUIRED BY LAW

SEQ # L1509100002639

Exhibit A

This tree is to be removed.



EXHIBIT "B"

Contractor's and Subcontractor's Insurance:

1. Compensation Insurance: The Contractor shall procure and maintain during the life of this contract Workmen's Compensation Insurance for all of his employees to be engaged in work on the project under this contract, and in case any such work is sublet, the Contractor shall require the Subcontractor similarly to provide Workmen's Compensation Insurance for all the labor's employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Workmen's Insurance. In case any class of employees engaged in hazardous work on the project under this contract is not protected under the Workmen's Compensation statute, the Contractor shall provide and shall cause each Subcontractor to provide adequate insurance for the protection of such of his employees not otherwise protected. The Contractor shall indemnify and hold the City harmless for any claim made by the Subcontractor for workmen's compensation.

2. Contractor's Comprehensive Liability and Property Damage Insurance: The Contractor shall procure and shall maintain during the life of this contract Contractor's Comprehensive Liability Insurance in an amount satisfactory to the Owner, but not less than \$300,000.00 for injuries, including accidental death, to any one person, and subject to the same limit for each person, in an amount not less than \$1,000,000.00, on account of one accident, and the Contractor's Property Damage Insurance in an amount not less than \$1,000,000.00. This insurance shall be maintained with an insurance company or companies licensed to do business in the state in which the Contractor shall perform his contractual services. Owner shall be named as additional insured on the policy.

3. Subcontractor's Comprehensive Liability and Property Damage Insurance: The Contractor shall require each of his Subcontractor's to procure and maintain during the life of his contract Subcontractor's Comprehensive Liability and Property Damage Insurance coverage in amounts satisfactory to the Contractor for his own protection, with an insurance company or companies licensed to do business in the state in which the Subcontractor shall perform his contractual services.

4. Scope of Insurance and Special Hazards: The insurance required shall provide adequate protection for Contractor and his Subcontractors, respectively, against damage claims which may arise from operations under this contract, whether such operations be by the insured or by anyone directly or indirectly employed by the insured, and also against any of special hazards which may be encountered in the performance of this contract.

5. Proof of Carriage of Insurance: The Contractor shall furnish the Owner with satisfactory proof of carriage of the insurance required, but the failure to provide adequate insurance shall not relieve the Contractor's responsibility to protect the Owner wholly from all such claims and damages.

The certificate of insurance shall include as a certificate holder:

City of Plant City
Attn: City Manager
302 West Reynolds Street
Plant City, FL 33563