



Financial Management Department
Purchasing Division
1112 Manatee Ave W Suite 803
Bradenton, FL 34205
Phone: (941) 749-3074
www.mymanatee.org

Email

June 10, 2016

TO: All Interested Bidders

SUBJECT: Invitation for Bid #16-1731DC
Master Lift Station 1M Emergency Generator Replacement

ADDENDUM #1

Bidders are hereby notified that this Addendum shall be acknowledged on the Bid Form and made a part of the above named bidding and contract documents.

1. Estimated construction cost is \$704,000 as of this date.
2. **Question:** Can the existing conduit from the generator to the ATS/MCC be reused? Will we be able to utilize the existing conduit raceway to the ATS and motor control center due to the space limitations?

Response: the existing generator (to be removed) is currently located inside the existing pump station building. The new generator will be physically located outside of the building. Therefore, the existing conduits cannot be reused, as they are not currently routed to where the new generator will be located. It should also be noted that the conduit and feeder sizes will change, as the new generator is of a larger capacity and the existing conduit/feeder is not adequate for the new generator.

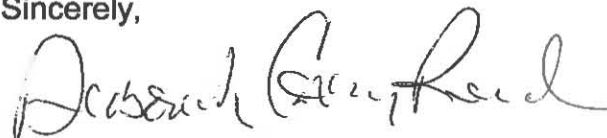
3. Attached is Appendix A - Material Testing consisting of 19 pages.
4. Attached is the sign-in sheet for the Information Conference.

If you have submitted a bid prior to receiving this addendum you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

June 10, 2016

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **June 23, 2016 at 3:30 P.M.**

Sincerely,

A handwritten signature in black ink that reads "Melissa M. Wendel". The signature is written in a cursive, flowing style.

Melissa M. Wendel, CPPO
Purchasing Official

Handwritten initials in blue ink, appearing to be "JWW".

/dcr

Attachments

INFORMATION CONFERENCE: INVITATION FOR BID

IFB #16-1731DC MLS 1M Emergency Generator

DATE: June 6, 2016

TIME: 10:00 AM @ Purchasing

TELEPHONE/ EMAIL	NAME (PLEASE PRINT)	COMPANY NAME
941-722-0621 bids@tlcdiv.com	Greg Doan	TLC Diversified
813-335-4765 bill@brown.org	RYAN ANFIELD	EXPERT CONSTRUCTION MANAGERS INC.
813 477-5184 Bill@BROWN.ORG	TODD BORNT	EXPERT CONSTRUCTION MANAGERS INC
-727-431-1598 Kelly.wehner@cardno.com	Kelly Wehner	Cardno
941-708-7450 X7338 william.lorenzo@mymanatee.org	William Lorenzo	Manatee County Public Works
941-813306-6202 JStackHouse@UCI.NET	Stephen MAFERA	UCI
941-258 5580 vs/pt.kruss@mymanatee.org	Ralph Brown	Manatee Utilities - LS
941-792-8811 X5377 Nick.Wagner@mymanatee.org	Nick Wagner	M. County Utilities
941.749.3074 deborah.carey-reed@mymanatee.org	Deborah Carey-Reed	MC Purchasing

APPENDIX A MLS 1M MATERIALS TESTING



April 6, 2015

CARDNO

Mr. Don McCullers
Senior Project Manager
380 Park Place Boulevard, Suite 300
Clearwater, Florida 33759

**RE: PRE-RENOVATION ASBESTOS SURVEY AT THE MLS1M LIFT STATION
LOCATED AT 8720 44TH AVENUE WEST IN BRADENTON, FLORIDA**

Dear Mr. McCullers:

A sampling for asbestos-containing materials (ACMs) was conducted on March 4th and 16th, 2015 by EPA accredited inspector Nicholas Barron of Greenfield Environmental, Inc. (GE) at the above-mentioned structure. The sampling was conducted at the interior and exterior areas of the building prior to upcoming renovation activities. This survey is limited to the materials sampled.

The purpose of the survey was to locate asbestos containing materials in order to comply with EPA NESHAP regulations for pre-renovation inspections. Greenfield Environmental, Inc. is a Florida Licensed Asbestos Consulting Firm with a corresponding license number of ZA-0000268.

The sampling conducted in this asbestos survey was performed in accordance with the requirements of 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. The samples collected from the above-mentioned lift station area were labeled and transported to Air Quality Environmental, Inc. for analysis. Air Quality Environmental, Inc. is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory (NVLAP No. 200759-0).

The lift station structure was constructed of concrete and steel with a concrete foundation. Interior finishes consist of concrete floors and walls. The exterior is finished with pebble stucco. The roof, doors and HVAC system are not included in this survey. The generator was also evaluated during the survey and no suspect materials were observed.

A total of twenty-one (21) samples were collected during the survey. The results of the laboratory analysis determined that two (2) of the materials sampled contained asbestos in amounts greater than one (1) percent. These materials are Category I non-friable caulking and Category II non-friable piping. Please see the attached Summary of Laboratory Analysis for analytical results and sample locations.

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. 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. If these materials are left undisturbed, they present a low threat to release harmful asbestos fibers.

Category II non-friable ACMs are any non-friable ACMs, excluding Category I non-friable ACMs, which when dry can become friable. 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. If these materials are left undisturbed, they present a low threat to release harmful asbestos fibers.

If these materials are to be impacted they must be removed by a Florida Licensed Asbestos Abatement Contractor prior to upcoming renovation activities. These materials can remain in place during renovation activities provided that they are not disturbed.

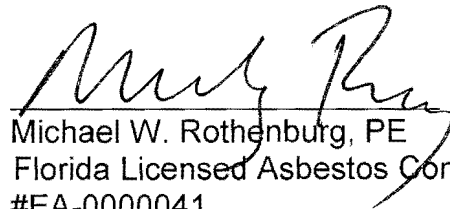
If you have any questions or if we can be of any further service, please do not hesitate to call us at (727) 896-1266.

Sincerely,

GREENFIELD ENVIRONMENTAL, INC.



Nicholas Barron
Project Manager
AHERA Inspector #52214158



Michael W. Rothenburg, PE
Florida Licensed Asbestos Consultant
#EA-0000041

1071-5926_RASletter
Encl.

SUSPECT ASBESTOS CONTAINING MATERIALS SAMPLED

**MLS1M LIFT STATION
8720 44TH AVENUE WEST
BRADENTON, FLORIDA**

Homo. Area	Sample Number	Description/ Location	Asbestos Content	Friability	Condition	Approx. Quantity
1	01 02 03	White Ceiling Texture Located at the Ground Level Ceiling Areas	No Asbestos Detected	Friable	Fair	----
2	04 05 06	Black Gasket Material Located at Select Piping Connections within the Basement	No Asbestos Detected	Non- Friable	Good	----
3	07 08 09	White/Gray Stucco Located at the Basement Walls	No Asbestos Detected	Friable	Good	----
4	10 11 12	Black Mastic Located at the Basement Pipe Penetration	No Asbestos Detected	Non- Friable	Good	----
5	13 14 15	Gray/White 18" Diameter Vent Piping with Gray Mastic Located at the Interior Ground Level Areas	Pipe - 25% Chrysotile Asbestos Gray Mastic - No Asbestos Detected	Non- Friable	Good	100 Linear Feet
6	16 17 18	Black Caulking Located at the Pipe Seams on the Gray Vent Pipe at the Interior Ground Level Areas	12% Chrysotile Asbestos	Non- Friable	Good	2 Square Feet
7	19 20 21	Pebble Stucco Located at the Exterior Walls	No Asbestos Detected	Friable	Good	----

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: 1071-5926 Cardno
8720 44th Avenue West, Bradenton, Florida
Date Analyzed: March 5, 2015

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	
261861	1	Texture Surfacing	white	NAD		100% Quartz and Binders	
261862	2	Texture Surfacing	white	NAD		100% Quartz and Binders	
261863	3	Texture Surfacing	white	NAD		100% Quartz and Binders	
261864	4	Caulk	green / black	NAD		100% Binders	
261865	5	Caulk	green / black	NAD		100% Binders	
261866	6	Caulk	green / black	NAD		100% Binders	
261867	7	Surface Material	white / gray	NAD		100% Carbonates and Binders	
261868	8	Surface Material	white / gray	NAD		100% Carbonates and Binders	
261869	9	Surface Material	white / gray	NAD		100% Carbonates and Binders	
261870	10	Surface Material	green material black mastic	NAD NAD		100% Binders 100% Bitumen and Binders	
261871	11	Surface Material	green material black mastic	NAD NAD		100% Binders 100% Bitumen and Binders	
261872	12	Surface Material	green material black mastic	NAD NAD		100% Binders 100% Bitumen and Binders	
261873	13	Building Material	tan / gray caulk wht compound	NAD 25% Chrysotile		100% Binders 75% Binders	
261874	14	Building Material	Not Analyzed, First Positive Stop Protocol				
261875	15	Building Material	Not Analyzed, First Positive Stop Protocol				

†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:

Wolfgang Paltian
Microscopist

Lab File Number: 31826

NVLAP Lab Code 200759-0

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

Project Name: 1071-5926 Cardno
 8720 44th Avenue West, Bradenton, Florida
 Date Analyzed: March 5, 2015

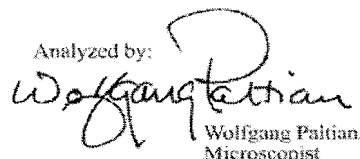
Asbestos, Bulk Sample Analysis

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

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders	
261876	16	Mastic	black	12% Chrysotile		88% Bitumen and Binders	
261877	17	Mastic	Not Analyzed, First Positive Stop Protocol				
261878	18	Mastic	Not Analyzed, First Positive Stop Protocol				
261879	19	Stucco	green / gray	NAD		100% Quartz and Binders	
261880	20	Stucco	green / gray	NAD		100% Quartz and Binders	
261881	21	Stucco	green / gray	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.

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Analyzed by:

 Wolfgang Paltian
 Microscopist

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

Nicholas E. Barron

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

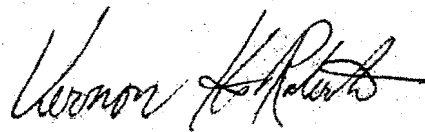
Date of Course Examination 5/22/2014

Date of Course Completion 5/22/2014

Expiration Date 5/22/2015

Certificate # 52214158

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**

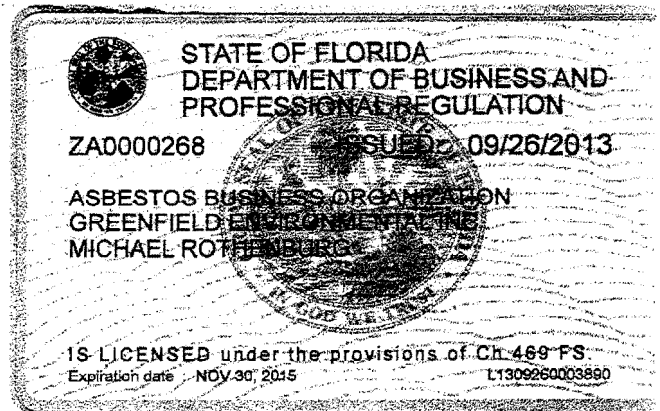
(850) 487-1395


**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!



 The Department of State is leading the commemoration of Florida's 500th anniversary in 2013. For more information, please go to www.VivaFlorida.org.

DETACH HERE

**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, 2015



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



**RICK SCOTT
GOVERNOR**

ISSUED: 09/26/2013 SEQ # L1309260003890
DISPLAY AS REQUIRED BY LAW

**KEN LAWSON
SECRETARY**



April 6, 2015

CARDNO
Mr. Don McCullers
Senior Project Manager
380 Park Place Boulevard, Suite 300
Clearwater, Florida 33759

**RE: LEAD-BASED PAINT SCREENING AT THE MLS1M LIFT STATION LOCATED AT
8720 44TH AVENUE WEST IN BRADENTON, FLORIDA**

Dear Mr. McCullers:

Greenfield Environmental, Inc. (GE) has completed the lead-based paint screening at the above-mentioned site. The survey was conducted on March 4th and 16th, 2015 by Nicholas Barron, EPA Certified Lead Inspector. The survey was conducted in order to detect accessible lead-based paint at interior and exterior painted surfaces prior to upcoming renovations. Painted walls, piping and generator components were surveyed at the lift station.

The lead-based paint survey was performed utilizing a Niton (Model LXP) XRF series lead analyzer, which is accepted by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Housing and Urban Development (HUD).

Twenty-eight (28) sample points were assessed with the XRF unit. A reading of *1.0 mg/cm²* or greater with the Niton unit qualifies the paint as lead-based paint. The XRF results are located in **Appendix A**.

REGULATORY DEFINITIONS

HUD/EPA

Defines lead-based paint as coatings where the concentration of lead is equal to or greater than either of 1.0 milligram or lead per square centimeter of surface area (1.0 mg/cm²) when tested by XRF or 0.5% by weight when analyzed by laboratory methods.

OSHA

Does not have a definition of lead-based paint. OSHA addresses lead that can become airborne if coatings containing any concentration of lead are disturbed during construction activities.

FINDINGS

The results of the XRF indicated that no lead-based or lead-containing painted surfaces were detected at the lift station surfaces assessed. Please refer to **Appendix A** for all sample locations and results.

CONCLUSIONS AND RECOMMENDATIONS

No lead-based or lead-containing paint was found on the surfaces tested. No specialized handling or disposal techniques are required for the renovations at the areas tested.

LIMITATIONS

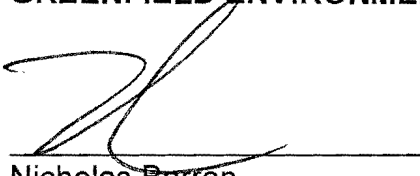
This sampling letter report has been prepared by GE in a manner consistent with industry standards exercised by members of the profession practicing under similar conditions. No other warranty, expressed or implied is made. The intent of this report is to assist the client in locating lead based paint (LBP). Under no circumstances is this letter to be utilized as a removal project specification document.

GE's interpretations and recommendations are based upon the results of the sampling and are in compliance with environmental regulations. This report was prepared solely for the use of **CARDNO** and is not intended for use by third party beneficiaries. The client, shall indemnify and hold GE harmless against any liability or any loss arising out of or relating to reliance by any third party on any work performed thereunder, or the contents of this report.

GE is pleased to have been of assistance to you on this project and we look forward to working with you in the future. If you have any questions or if we can be of any further service, please do not hesitate to call us at (727) 896-1266.

Sincerely,

GREENFIELD ENVIRONMENTAL, INC.

A handwritten signature in black ink, appearing to be 'N. Barron', written over a horizontal line.

Nicholas Barron
EPA Certified Lead Inspector
#7ME06031301EDI0001

1071-5926_LeadLetter
Enclosure

APPENDIX A

XRF RESULTS

**LIFT STATION - MLS1M
8720 44TH AVENUE WEST
BRADENTON, FLORIDA**

Sample #	Location	Component	Substrate	Color	Condition	Result (mg/cm ²)
C-1	Calibration	-----	-----	-----	-----	0.00
MARCH 4, 2015						
1	Basement	North Wall	Concrete	White	Good	0.00
2	"	East Wall	"	"	Good	0.00
3	"	South Wall	"	"	Good	0.00
4	"	West Wall	"	"	Good	0.00
5	"	Floor	"	"	Good	0.00
6	"	North Piping	Metal	Gray	Good	0.00
7	"	Central Piping	"	"	Good	0.00
8	"	South Piping	"	"	Good	0.00
9	"	North Pump	"	"	Good	0.00
10	"	Central Pump	"	"	Good	0.00
11	"	South Pump	"	"	Good	0.00
12	"	North Piping Support	"	Green	Good	0.00
13	"	South Piping Support	"	"	Good	0.00
14	"	East Electrical Conduit	"	White	Good	0.00
15	"	Northeast Vertical Pipe	"	"	Good	0.00
16	Ground Floor	North Wall	Concrete	Yellow	Good	0.00
17	"	East Wall	"	"	Good	0.00
18	"	West Wall	"	Reddish Orange	Fair	0.00
19	"	South Wall	"	Yellow/Orange	Fair	0.00
20	"	Floor	"	Gray	Good	0.00
21	"	Central Pipe	Metal/Concrete	"	Good	0.00
22	"	West - South Grate	Metal	Gray	Good	0.00
23	"	South Door	"	"	Good	0.00

**LIFT STATION - MLS1M
8720 44TH AVENUE WEST
BRADENTON, FLORIDA**

Sample #	Location	Component	Substrate	Color	Condition	Result (mg/cm²)
24	Ground Floor	South Door Frame	Metal	Gray	Good	0.00
25	Exterior	East Wall	Stucco	White	Good	0.00
26	"	North Pipe	Metal	Yellow	Good	0.00
C-2	Calibration	-----	-----	-----	-----	0.00

MARCH 16, 2015

C-1	Calibration	-----	-----	-----	-----	0.00
27	Ground Floor	Frame	Metal	Black	Good	0.00
28	"	Platform	Concrete	Gray	Good	0.00
C-2	Calibration	-----	-----	-----	-----	0.00

APPENDIX B
CERTIFICATION



Nicholas Barron

432 3rd Street N
St Petersburg, FL 33701

has on 6/5/13, in St. Petersburg, FL
completed a

EPA Model Lead Inspector Initial Course

on 6/3/13 - 6/5/13 and passed the associated examination on 6/5/13
with a score of 70% or better

Certificate # 7ME06031301EDI0001

Soc. Sec#: XXX-XX-2268

Interim Certification Expires: 12/05/2013

Accreditation Expires: 06/05/2016

Instructor
Bill Young

Program Director

United States Environmental Protection Agency

This is to certify that

Greenfield Environmental, Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires January 12, 2018

FL-17768-3

Certification #

January 27, 2015

Issued On



Michelle Price

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch