



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 2

Truman Waterfront Building 103 Demolition

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced Request for Proposal (RFP) package is hereby amended in accordance with the following items:

1) *Include the following attachments as part of the ITB Documents.*

- a. Tetra-Tech LBP and ACM Report
- b. LBP sample locations
- c. REVISED Proposal Form

2) *Bidder Questions/Response*

- 1. The documents posted on DemandStar do not include the Tetra Tech Environmental Assessment. Can you add this to the file? *Included in this Addendum.*
- 2. Do you have an overall SF of lead paint to be removed? *No, Contractor to field measure.*
- 3. Should we assume all debris, including concrete material generated during demolition to be hazardous disposal? *If lead based paint is not removed, concrete demolition debris is considered hazardous unless the Contractor demonstrates non-hazardous through TCLP testing.*

3) *Modify Summary of Work: GENERAL as follows:*

- 1. 1.a.: Delete last sentence and insert "*Contractor shall remove and properly dispose residual LBP (i.e., chips) from ground surfaces within the building and limit of work.*"
- 2. 1.d.: Insert after last sentence "*Contractor shall remove and dispose/recycle steel plates covering pits prior to backfill. Steel beams located at or below grade may remain.*"

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 with Attachment by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

Signature

Name of Business



5363-Stuart-17

October 25, 2017

James W. Bouquet P.E.
Director of Engineering
City of Key West
1300 White Street
Key West, FL 33040

Transmitted via electronic mail to James Bouquet at jbouquet@cityofkeywest-fl.gov on October 25, 2017.

Reference: P.O. 084901

Subject: Truman Annex Building 103 Asbestos and Lead Based Paint Surveys

Dear Mr. Bouquet:

Per P.O. 084901 under the General Environmental Engineering Services Agreement between the City of Key West and Tetra Tech Inc., we are submitting an Asbestos and Lead Base Paint Assessment for the Truman Annex Building 103 at 35 East Quay Road.

Tetra Tech conducted a lead based paint assessment and subcontracted Jupiter Environmental Laboratories, Inc. to analyze lead paint samples. A total of 15 samples were collected. A total of 7 out of 15 samples detected concentrations for lead that exceeded the criteria set by the EPA or HUD. The EPA and HUD rules exempt renovations when the paint to be disturbed has been determined to be below the EPA-HUD standard for lead-based paint of 1 mg/cm² or 5000mg/g (0.5%) of lead, or 5,000 ppm.

(See <http://www.epa.gov/oppt/chemtest/pubs/petitions.html#petition5> for links to the petition and EPA's response.)

Results are displayed in Table 1 and the laboratory analytical report is attached.

Tetra Tech subcontracted Florida Air Quality Solutions (FAQS) to conduct an asbestos assessment. A total of 27 samples were collected. Samples were collected from 9"x 9" floor tile with mastic, black base with adhesive, stucco, modified roof, and the parapit/flashing. None of the samples detected asbestos. Results are located in the FAQS survey report attached.

Tetra Tech, Inc.

759 South Federal Highway, Suite 314, Stuart, FL 34994
Tel 772.781.3400 Fax 772.781.3411 www.tetratech.com

Table 1

Sample	Concentration	Criteria
KW-103-1	350 mg/kg	5000 mg/kg (ppm)
KW-103-2	350 mg/kg	5000 mg/kg (ppm)
KW-103-3	240 mg/kg	5000 mg/kg (ppm)
KW-103-4	9300 mg/kg	5000 mg/kg (ppm)
KW-103-5	4100 mg/kg	5000 mg/kg (ppm)
KW-103-6	23000 mg/kg	5000 mg/kg (ppm)
KW-103-7	76000 mg/kg	5000 mg/kg (ppm)
KW-103-8	26000 mg/kg	5000 mg/kg (ppm)
KW-103-9	120000 mg/kg	5000 mg/kg (ppm)
KW-103-10	1000 mg/kg	5000 mg/kg (ppm)
KW-103-11	2000 mg/kg	5000 mg/kg (ppm)
KW-103-12	4000 mg/kg	5000 mg/kg (ppm)
KW-103-13	13000 mg/kg	5000 mg/kg (ppm)
KW-103-14	7000 mg/kg	5000 mg/kg (ppm)
KW-103-15	2200 mg/kg	5000 mg/kg (ppm)

Note: Shaded lines are samples that exceeded criteria.

Recommendations

Before demolition of Building 103 occurs, an EPA/FL certified lead-based paint abatement company will need to remove all lead-based paint from the interior and exterior of the building; analyze for TCLP concentrations; and dispose of the paint and any abatement materials as hazardous or non-hazardous waste. The determination of hazardous or non-hazardous will be dependent upon the TCLP concentrations.

If you have any questions or require any additional information, please contact me at 706.831.7259.

Sincerely,

Shauna Stotler

Project Manager

cc: Brian Proctor, Tetra Tech, Inc.

GENERAL NOTES

- DIMENSION NOTES
- SEE A-500 SHEETS FOR ENLARGED PLANS
 - DIMENSIONS ARE INDICATED TO THE CENTERLINE OF STRUCTURAL GRID, FACE OF CONCRETE WALL, NOMINAL FACE OF CMU WALL, FACE OF PARTITION AS SCHEDULED, UNLESS OTHERWISE NOTED
 - ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. DIMENSIONAL LAYOUT SHALL BE IN THE FOLLOWING PRIORITY ORDER:
 - STRUCTURAL DRAWINGS
 - LARGE SCALE DETAILS
 - SMALL SCALE DETAILS
 - ENLARGED PLANS AND SECTIONS
 - FLOOR PLANS
 - FLOOR ELEVATIONS ARE INDICATED AT THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED
 - VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR ELEVATION TO FACE OF FINISHED MATERIAL, UNLESS NOTED ABOVE FINISH FLOOR - "AFF"
 - CEILING HEIGHTS ARE INDICATED FROM THE FLOOR ELEVATION TO THE FACE OF THE SUSPENDED ACOUSTIC CEILING GRID OR FACE OF FINISH MATERIAL FOR OTHER CEILING TYPES, UNLESS OTHERWISE NOTED
 - REQUIRED SIZE, CLEARANCES, AND RELATIONSHOPS ARE INDICATED BY DIMENSIONS AS NOTED
 - THE EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS ARE PROVIDED BY THE ARCHITECT BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS ON THE JOB SITE AND NOTIFY THE ARCHITECT OF DEVIATIONS FROM THESE DRAWINGS.

SHEET KEYNOTES

hayes | cumming
architects

2210 central ave, suite 100
st. petersburg, fl 33712
ph 727.321.0900
fx 727.321.0903
AA26001260
hc-arc.com

ANDREW M. HAYES
ARCHITECT
20170122Z

andrew m. hayes, aia, leed bd+c
© Copyright - All Rights Reserved



CONSULTANT:

CLIENT / PROJECT NAME:
ALTERATIONS TO
BUILDING 103 FOR
CITY OF KEY WEST

Approver
Checker

Original drawing is 24"x36". Scale accordingly if reduced.

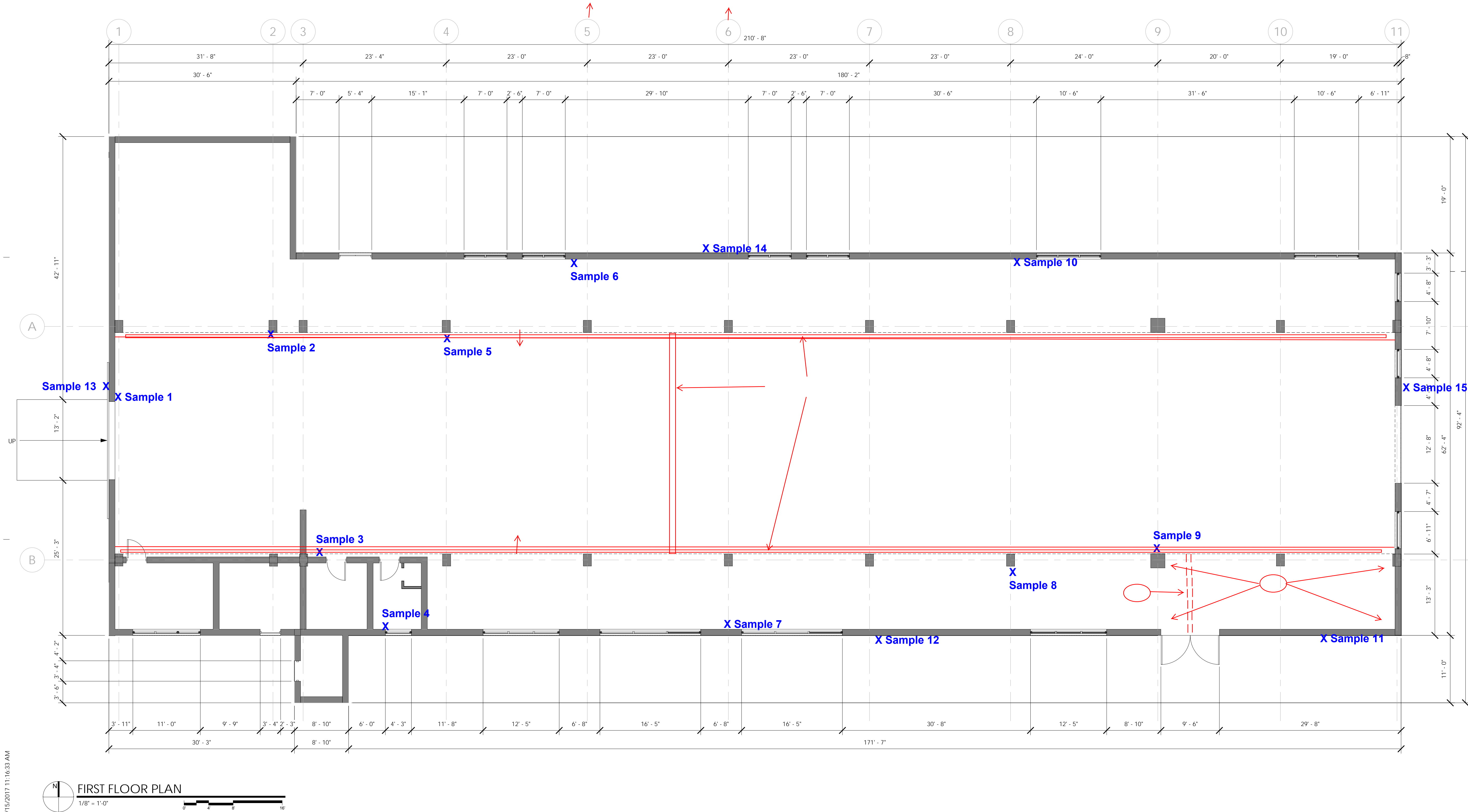
SHEET TITLE:
FIRST FLOOR PLAN

REVISIONS:

DATE ISSUED: 03/15/2017
PROJECT NO.: 150D01

DRAWING NUMBER:
A-101

SHEET: 2 OF 7



LBP Photolog

Site Photographs

October 12, 2017





Photo 1 – sample 1



Photo 2 – sample 2



Photo 3 – sample 3



Photo 4 – sample 4



Photo 5 – sample 5



Photo 6 – sample 6



Photo 7 – sample 7



Photo 8 – sample 8



Photo 9 – sample 9



Photo 10 – sample 10



Photo 11 – sample 11



Photo 12 – sample 12



Photo 13 – sample 14



Photo 14 – sample 15

October 20, 2017

Shauna Stotler
Tetra Tech - SC
117 Hearthstone Dr SW
Aiken, SC 29803

RE: LOG# 1753689
Project ID: LBP 194-5363
COC# 1753689

Dear Shauna Stotler:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, October 16, 2017. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rebecca Lourido for
Kacia Baldwin
V.P. of Operations

Report ID: 1753689
10/20/2017

Page 1 of 24

FDOH# E86546

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Jupiter Environmental Laboratories, Inc..



SAMPLE ANALYTE COUNT

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID	Sample ID	Method	Analytes Reported
1753689001	KW-Gym-1	EPA 6020	1
1753689002	KW-Gym-2	EPA 6020	1
1753689003	KW-Gym-3	EPA 6020	1
1753689004	KW-103-1	EPA 6020	1
1753689005	KW-103-2	EPA 6020	1
1753689006	KW-103-4	EPA 6020	1
1753689007	KW-103-5	EPA 6020	1
1753689008	KW-103-6	EPA 6020	1
1753689009	KW-103-7	EPA 6020	1
1753689010	KW-103-8	EPA 6020	1
1753689011	KW-103-9	EPA 6020	1
1753689012	KW-103-10	EPA 6020	1
1753689013	KW-103-11	EPA 6020	1
1753689014	KW-103-12	EPA 6020	1
1753689015	KW-103-13	EPA 6020	1
1753689016	KW-103-14	EPA 6020	1
1753689017	KW-103-15	EPA 6020	1
1753689018	KW-103-3	EPA 6020	1

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Jupiter Environmental Laboratories, Inc..

SAMPLE SUMMARY

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1753689001	KW-Gym-1	Soil/Solid	10/12/2017 10:21	10/16/2017 09:50
1753689002	KW-Gym-2	Soil/Solid	10/12/2017 10:23	10/16/2017 09:50
1753689003	KW-Gym-3	Soil/Solid	10/12/2017 10:27	10/16/2017 09:50
1753689004	KW-103-1	Soil/Solid	10/12/2017 11:29	10/16/2017 09:50
1753689005	KW-103-2	Soil/Solid	10/12/2017 11:37	10/16/2017 09:50
1753689006	KW-103-4	Soil/Solid	10/12/2017 11:43	10/16/2017 09:50
1753689007	KW-103-5	Soil/Solid	10/12/2017 11:45	10/16/2017 09:50
1753689008	KW-103-6	Soil/Solid	10/12/2017 11:51	10/16/2017 09:50
1753689009	KW-103-7	Soil/Solid	10/12/2017 11:56	10/16/2017 09:50
1753689010	KW-103-8	Soil/Solid	10/12/2017 12:03	10/16/2017 09:50
1753689011	KW-103-9	Soil/Solid	10/12/2017 12:10	10/16/2017 09:50
1753689012	KW-103-10	Soil/Solid	10/12/2017 12:13	10/16/2017 09:50
1753689013	KW-103-11	Soil/Solid	10/12/2017 12:17	10/16/2017 09:50
1753689014	KW-103-12	Soil/Solid	10/12/2017 12:38	10/16/2017 09:50
1753689015	KW-103-13	Soil/Solid	10/12/2017 12:41	10/16/2017 09:50
1753689016	KW-103-14	Soil/Solid	10/12/2017 12:43	10/16/2017 09:50
1753689017	KW-103-15	Soil/Solid	10/12/2017 12:46	10/16/2017 09:50
1753689018	KW-103-3	Soil/Solid	10/12/2017 11:40	10/16/2017 09:50

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689001**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-Gym-1**

Date Collected: 10/12/2017 10:21

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	91	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 14:54	ZS	

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Jupiter Environmental Laboratories, Inc..

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689002**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-Gym-2**

Date Collected: 10/12/2017 10:23

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	240	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 15:04	ZS	L1

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689003**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-Gym-3**

Date Collected: 10/12/2017 10:27

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead		700 mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 15:14	ZS	L1

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689004**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-1**

Date Collected: 10/12/2017 11:29

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	350	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 15:23	ZS	L1

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689005**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-2**

Date Collected: 10/12/2017 11:37

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	350	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 15:33	ZS	L1

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689006**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-4**

Date Collected: 10/12/2017 11:43

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	9300	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 15:43	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689007**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-5**

Date Collected: 10/12/2017 11:45

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	4100	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 15:53	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689008**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-6**

Date Collected: 10/12/2017 11:51

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	23000	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 16:02	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689009**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-7**

Date Collected: 10/12/2017 11:56

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	76000	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 16:38	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689010**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-8**

Date Collected: 10/12/2017 12:03

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	26000	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 16:46	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689011**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-9**

Date Collected: 10/12/2017 12:10

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	120000	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 16:53	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689012**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-10**

Date Collected: 10/12/2017 12:13

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead		1000 mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 17:00	ZS	L2

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Jupiter Environmental Laboratories, Inc..

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689013**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-11**

Date Collected: 10/12/2017 12:17

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead		2000 mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 17:06	ZS	L2

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Jupiter Environmental Laboratories, Inc..

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689014**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-12**

Date Collected: 10/12/2017 12:38

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead		4000 mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 17:12	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689015**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-13**

Date Collected: 10/12/2017 12:41

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	13000	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 17:22	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689016**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-14**

Date Collected: 10/12/2017 12:43

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead		7000 mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 17:32	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689017**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-15**

Date Collected: 10/12/2017 12:46

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	2200	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 17:42	ZS	L2

ANALYTICAL RESULTS

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID: **1753689018**

Date Received: 10/16/2017 09:50

Matrix: Soil/Solid

Sample ID: **KW-103-3**

Date Collected: 10/12/2017 11:40

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Lead	240	mg/Kg	1.0	0.16	2	10/18/2017 09:45	ZS	10/18/2017 17:51	ZS	L1

ANALYTICAL RESULTS QUALIFIERS

Workorder: 1753689

Project ID: LBP 194-5363

PARAMETER QUALIFIERS

- L1 Reported value is above the calibration range but is within the instrument LDR (Linear Dynamic Range).
- L2 Off-scale high. Reported value is above the calibration range and the instrument LDR (Linear Dynamic Range).

PROJECT COMMENTS

- 1753689 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.
- W|Sample(s) is reported as received (uncorrected for dry weight).

QUALITY CONTROL DATA

Workorder: 1753689

Project ID: LBP 194-5363

QC Batch:	MXX/9079	Analysis Method:	EPA 6020			
QC Batch Method:	EPA 3050B					
Associated Lab Samples:	1753678006	1753689001	1753689002	1753689003	1753689004	1753689005
	1753689006	1753689007	1753689008	1753689009	1753689010	1753689011
	1753689012	1753689013	1753689014	1753689015	1753689016	1753689017
	1753689018	1753733001	1753733002			

METHOD BLANK: 127639

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 127640 127641

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Lead	mg/Kg	10	9.4	10	94.5	101	80-120	6.19	20	

MATRIX SPIKE SAMPLE: 127643 Original: 1753733002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/Kg	6.4	20	25	94.9	75-125	

SAMPLE DUPLICATE: 127642 Original: 1753733002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Lead	mg/Kg	6.4	7.6	4.58	20	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1753689

Project ID: LBP 194-5363

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1753689001	KW-Gym-1	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689002	KW-Gym-2	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689003	KW-Gym-3	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689004	KW-103-1	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689005	KW-103-2	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689006	KW-103-4	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689007	KW-103-5	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689008	KW-103-6	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689009	KW-103-7	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689010	KW-103-8	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689011	KW-103-9	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689012	KW-103-10	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689013	KW-103-11	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689014	KW-103-12	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689015	KW-103-13	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689016	KW-103-14	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689017	KW-103-15	EPA 3050B	MXX/9079	EPA 6020	MMS/8170
1753689018	KW-103-3	EPA 3050B	MXX/9079	EPA 6020	MMS/8170

Jupiter

Environmental Laboratories Inc.

www.jupiterlabs.com

150 S. Old Dixie Highway, Jupiter, FL 33458
(561) 575-0030 • FAX (561) 575-4118 • clientservices@jupiterlabs.com

J.E.L. Log # **1753689**

P.O. # _____

Quote # _____

Company Name Tetra Tech						LAB ANALYSIS												Requested Turnaround Time Note: Rush requests subject to acceptance by the laboratory ____ Standard X Expedited Due <u>10/20/17</u>																																																					
Address 117 Hearthstone Dr SW						<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Pres Codes</div> <div style="border: 1px solid black; padding: 5px; margin: 0 5px;">A</div> </div> <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Parameters</div> <div style="border: 1px solid black; padding: 5px; margin: 0 5px;">Lead</div> </div>																																																																	
City Aiken State SC Zip 29803																																																																							
Sampling Site Address Key West FL																																																																							
Attn: Shauna Stotter Email shauna.stottera@tetratech.com																																																																							
Project Name LBP Project # 194-5363																																																																							
Sampler Name/Signature Shauna Stotter / S Stotter						Field Filtered (Y/N)												Comments																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>Sample Label (Client ID)</th> <th>Collected Date</th> <th>Collected Time</th> <th>Matrix Code*</th> <th># of Cont</th> </tr> </thead> <tbody> <tr><td>1</td><td>KW-Gym-1</td><td>10-12-17</td><td>1021</td><td>Ø</td><td>1</td></tr> <tr><td>2</td><td>KW-Gym-2</td><td></td><td>1023</td><td>Ø</td><td>1</td></tr> <tr><td>3</td><td>KW-Gym-3</td><td></td><td>1027</td><td>Ø</td><td>1</td></tr> <tr><td>4</td><td>KW-103-1</td><td></td><td>1129</td><td>Ø</td><td>1</td></tr> <tr><td>5</td><td>KW-103-2</td><td></td><td>1137</td><td>Ø</td><td>1</td></tr> <tr><td>6</td><td>KW-103-4</td><td></td><td>1143</td><td>Ø</td><td>1</td></tr> <tr><td>7</td><td>KW-103-5</td><td></td><td>1145</td><td>Ø</td><td>1</td></tr> <tr><td>8</td><td>KW-103-6</td><td></td><td>1151</td><td>Ø</td><td>1</td></tr> <tr><td>9</td><td>KW-103-7</td><td></td><td>1156</td><td>Ø</td><td>1</td></tr> <tr><td>10</td><td>KW-103-8</td><td></td><td>1203</td><td>Ø</td><td>1</td></tr> </tbody> </table>																				#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	1	KW-Gym-1	10-12-17	1021	Ø	1	2	KW-Gym-2		1023	Ø	1	3	KW-Gym-3		1027	Ø	1	4	KW-103-1		1129	Ø	1	5	KW-103-2		1137	Ø	1	6	KW-103-4		1143	Ø	1	7	KW-103-5		1145	Ø	1	8	KW-103-6		1151
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont																																																																		
1	KW-Gym-1	10-12-17	1021	Ø	1																																																																		
2	KW-Gym-2		1023	Ø	1																																																																		
3	KW-Gym-3		1027	Ø	1																																																																		
4	KW-103-1		1129	Ø	1																																																																		
5	KW-103-2		1137	Ø	1																																																																		
6	KW-103-4		1143	Ø	1																																																																		
7	KW-103-5		1145	Ø	1																																																																		
8	KW-103-6		1151	Ø	1																																																																		
9	KW-103-7		1156	Ø	1																																																																		
10	KW-103-8		1203	Ø	1																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Matrix Codes*</th> <th colspan="2">Pres Codes</th> <th>Relinquished by</th> <th>Date</th> <th>Time</th> <th>Received by</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>S Soil/Solid Sediment</td> <td>SW Surface Water</td> <td>A- none</td> <td>I- Ice</td> <td rowspan="5"> <div style="display: flex;"> <div style="flex: 1;">Shauna Stotter</div> <div style="flex: 1;">Fedex</div> </div> </td> <td rowspan="5">10-13-17</td> <td rowspan="5">0930</td> <td rowspan="5">Fedex</td> <td rowspan="5">10/14/17</td> <td rowspan="5">0950</td> </tr> <tr> <td>GW Ground Water</td> <td>SL Sludge</td> <td>B- HNO₃</td> <td>O- Other</td> </tr> <tr> <td>WW Waste Water</td> <td>O Other (Please Specify)</td> <td>C- H₂SO₄</td> <td>M- MeOH</td> </tr> <tr> <td>DW Drinking Water</td> <td></td> <td>D- NaOH</td> <td>N- Na₂S₂O₄</td> </tr> <tr> <td></td> <td></td> <td>E- HCl</td> <td>Z- ZnAc</td> </tr> </tbody> </table>						Matrix Codes*			Pres Codes		Relinquished by	Date	Time	Received by	Date	Time	S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	<div style="display: flex;"> <div style="flex: 1;">Shauna Stotter</div> <div style="flex: 1;">Fedex</div> </div>	10-13-17	0930	Fedex	10/14/17	0950	GW Ground Water	SL Sludge	B- HNO ₃	O- Other	WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH	DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₄			E- HCl	Z- ZnAc																													
Matrix Codes*			Pres Codes		Relinquished by	Date	Time	Received by	Date	Time																																																													
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	<div style="display: flex;"> <div style="flex: 1;">Shauna Stotter</div> <div style="flex: 1;">Fedex</div> </div>	10-13-17	0930	Fedex	10/14/17	0950																																																														
GW Ground Water	SL Sludge	B- HNO ₃	O- Other																																																																				
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH																																																																				
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₄																																																																				
		E- HCl	Z- ZnAc																																																																				
QA/QC level with report None <u>1</u> <u>2</u> <u>3</u> See price guide for applicable fees																																																																							
FDEP Dry Cleaning <input type="checkbox"/> FDEP UST Pre-Approval <input type="checkbox"/> SFWD <input type="checkbox"/> ADaPT <input type="checkbox"/> DOT <input type="checkbox"/>						Temp Control: RT °C																																																																	

753689

150 S. Old Dixie Highway, Jupiter, FL 33458

(561) 575-0030 • FAX (561) 575-4118 • clientservices@jupiterlabs.com

P.O. #

Quote #

Company Name <u>Tetra Tech</u>						LAB ANALYSIS												Requested Turnaround Time	
Address <u>117 Hearthstone Dr SW</u>																		Note: Rush requests subject to acceptance by the laboratory	
City <u>Aiken</u> State <u>SC</u> Zip <u>29803</u>																		Standard	
Sampling Site Address <u>Key West FL</u>																		<input checked="" type="checkbox"/> Expedited	
Attn: <u>Shauna Stotter</u> Email <u>shauna.stottera@tetratech.com</u>																		Due <u>10/20/17</u>	
Project Name <u>LBP</u> Project # <u>194-5363</u>																			
Sampler Name/Signature <u>Shauna Stotter / S Stotter</u>																			
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont														
1	KW-103-9	10-12-17	1210	Ø	1	X												N	Paint Flakes
2	KW-103-10		1213	Ø	1	X													
3	KW-103-11		1217	Ø	1	X													
4	KW-103-12		1238	Ø	1	X													
5	KW-103-13		1241	Ø	1	X													
6	KW-103-14		1243	Ø	1	X													
7	KW-103-15		1246	Ø	1	X													
8	KW-103-3	10/12/17	1140	Ø	1	X													
9																			
0																			

Matrix Codes*				Pres Codes		Relinquished by		Date	Time	Received by		Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	Shauna Stotter		10-13-17	0930	Fedex		—	—		
GW Ground Water	SL Sludge	B- HNO ₃	O- Other	Fedex		10/16/17	0950	Cm		10/16/17	0950		
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH										
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃										
		E- HCl	Z- ZnAc										

QA/QC level with report				Temp Control:	
None	1	2	3	RT °C	
FDEP Dry Cleaning <input type="checkbox"/> FDEP UST Pre-Approval <input type="checkbox"/>					
SFWMD <input type="checkbox"/> ADaPT <input type="checkbox"/> DOT <input type="checkbox"/>					

Part # 156297-439 MDS Exp 08/18
549J4794FC/104C

Sample Receiving

From: Stotler, Shauna
Sent: Monday, October 16, 2017 3:23 PM
To: Sample Receiving
Subject: Re: Attached COC

1140

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Sample Receiving <samlereceiving@jupiterlabs.com>
Date: 10/16/17 3:16 PM (GMT-05:00)
To: "Stotler, Shauna" <Shauna.Stotler@tetrattech.com>
Subject: RE: Attached COC

Do you have a collected time for that sample?

Best Regards,
Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 112)
NELAP . DoD ELAP . ISO 17025 . WMBE

From: Stotler, Shauna [<mailto:Shauna.Stotler@tetrattech.com>]
Sent: Monday, October 16, 2017 1:14 PM
To: Sample Receiving <samlereceiving@jupiterlabs.com>
Subject: Re: Attached COC

Yes please

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Sample Receiving <samlereceiving@jupiterlabs.com>
Date: 10/16/17 1:11 PM (GMT-05:00)
To: "Stotler, Shauna" <Shauna.Stotler@tetrattech.com>
Subject: Attached COC

Good Afternoon!

We received sample KW-103-3 that isn't on the COC, is it okay to add it and proceed with the Pb testing?

I've attached the COC for reference.

Best Regards,
Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 112)
NELAP . DoD ELAP . ISO 17025 . WMBE

PROPOSAL – REVISED 11/15/2017

NOTE TO BIDDER: Use preferably BLACK ink for completing this Proposal form.

To: The City of Key West
Address: 1300 White St, Key West, Florida 33040
Project Title: DEMOLITION OF BUILDING 103

Bidder's contact person for additional information on this Proposal:

Company Name: _____

Contact Name & Telephone #: _____

Email Address: _____

BIDDER'S DECLARATION AND UNDERSTANDING

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.

The Bidder further declares that he has carefully examined the Contract Documents for the construction of the project, that he has personally inspected the site, that he has satisfied himself as to the quantities involved, including materials and equipment, and conditions of work involved, including the fact that the description of the quantities of work and materials, as included herein, is brief and is intended only to indicate the general nature of the work and to identify the said quantities with the detailed requirements of the Contract Documents, and that this Proposal is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Proposal.

CONTRACT EXECUTION AND BONDS

The Bidder agrees that if this Proposal is accepted, he will, within 10 days, not including Sundays and legal holidays, after Notice of Award, sign the Contract in the form annexed hereto, and will at that time, deliver to the Owner examples of the Performance Bond and Payment Bond required herein, and evidence of holding required licenses and certificates, and will, to the extent of his Proposal, furnish all machinery, tools, apparatus, and other means of construction and do the work and furnish all the materials necessary to complete all work as specified or indicated in the Contract Documents.

START OF CONSTRUCTION AND CONTRACT COMPLETION TIME

The Bidder further agrees to begin work within 14 calendar days after the date of the initial Notice to Proceed and to complete the project, in all respects not later than March 30, 2018.

PROPOSAL (continued)

LIQUIDATED DAMAGES

In the event the Bidder is awarded the Contract and shall fail to complete the work within the time limit or extended time limit agreed upon, as more particularly set forth in the Contract Documents, liquidated damages shall be paid to the Owner at the rate of \$500.00 per day for all work awarded until the work has been satisfactorily completed as provided by the Contract Documents. Sundays and legal holidays shall be excluded in determining days in default.

ADDENDA

The Bidder hereby acknowledges that he has received Addenda No's. _____, _____,

_____, _____, _____, _____, _____, _____, _____, _____, _____, _____,
(Bidder shall insert No. of each Addendum received) and agrees that all addenda issued are hereby made part of the Contract Documents, and the Bidder further agrees that his Proposal(s) includes all impacts resulting from said addenda.

SALES AND USE TAXES

The Bidder agrees that all federal, state, and local sales and use taxes are included in the stated bid prices for the work.

LUMP SUM ITEMS

The Bidder further proposes to accept as full payment for the work proposed herein the amounts computed under the provisions of the Contract Documents and based on the following lump sum amounts. The Bidder agrees that the lump sum represent a true measure of the labor and materials required to perform the work, including all allowances for overhead and profit for each type and unit of work called for in these Contract Documents.

TOTAL LUMP SUM BASE BID¹: \$ _____ (1)

LANDSCAPE ALLOCATION: \$ 25,000.00 (2)

TOTAL LUMP SUM BASE BID: \$ _____ (1+2)

\$ _____ Dollars & _____
Cents *amount written in words*

Landscape Allocation: Design, Furnish and Plant Additional Landscaping. Coordinate with Owner to develop vertical landscape plan, subject to approval by the City's Urban Forestry Manager. Provide additional irrigation as necessary. Total cost not to exceed \$25,000 landscaping allocation.

¹Indicate Demolition Methodology (check one):

A. LBP Abatement, then demolition and disposal as solid waste/recycling: _____

B. Demolish (no LBP abatement) and disposal as hazardous waste: _____

The Bidder shall submit a Schedule of Values with the Proposal. Contractor is responsible for providing a dollar amount for each item listed on the Schedule of Values and that total shall match the amount on the Proposal Lump Sum.

Payment for materials and equipment authorized by the Owner in a written Change Order but not listed in the above Proposal will be provided at the supplier's invoice plus 10 %.

SUBCONTRACTORS

The Bidder further proposes that the following subcontracting firms or businesses will be awarded subcontracts for the following portions of the work in the event that the Bidder is awarded the Contract:

<hr/>			
Name			
<hr/>		<hr/>	
Trade		Percent of Total Base Bid	
<hr/>			
<hr/>	<hr/>	<hr/>	<hr/>
Street	City	State	Zip

<hr/>			
Name			
<hr/>		<hr/>	
Trade		Percent of Total Base Bid	
<hr/>			
<hr/>	<hr/>	<hr/>	<hr/>
Street	City	State	Zip

<hr/>			
Name			
<hr/>		<hr/>	
Trade		Percent of Total Base Bid	
<hr/>			
<hr/>	<hr/>	<hr/>	<hr/>
Street	City	State	Zip

SURETY

 whose address is

<hr/>	<hr/>	<hr/>	<hr/>
Street	City	State	Zip

BIDDER

The name of the Bidder submitting this Proposal is

 doing business at

<hr/>	<hr/>	<hr/>	<hr/>
Street	City	State	Zip

which is the address to which all communications concerned with this Proposal and with the Contract shall be sent.

The names of the principal officers of the corporation submitting this Proposal, or of the partnership, or of all persons interested in this Proposal as principals are as follows:

_____	_____
_____	_____
_____	_____

If Sole Proprietor or Partnership

IN WITNESS hereto the undersigned has set his (its) hand this _____ day of _____ 2017.

Signature of Bidder

Title

If Corporation

IN WITNESS WHEREOF the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this _____ day of _____ 2017.

(SEAL)

Name of Corporation

By _____

Title _____

Attest _____



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

Truman Waterfront Building 103 Demolition ITB 18-008

Pre-Bid Meeting Agenda

November 15, 2017

1. Introductions:

- a. *Attendee Introductions*

2. Request for Proposal critical milestones:

- a. *Deadline for Inquiries:* November 23, 2017
- b. *Final Addenda Issued:* November 27, 2017
- c. *Bids Due By:* 3:00 p.m., November 29, 2017

3. Project Scope and Description:

- a. *Location of Project Site:*
 - i. 103 Quay Road
- b. *Bidder/Contractors Requirements:*
 - i. Review Summary of Work
 - ii. Summary of Work 1.a.: Option not to remove LBP but to dispose of all material as hazardous. So indicate on revised Proposal Form.
 - iii. Continuous Dust Control – TAMPOA and Coast Guard Cutter Ingham (as discussed in meeting)
 - iv. Removal and disposal of stored materials
- c. *Hours of Operation:*
 - i. Noise Ordinance, Monday through Friday 8 a.m.–7 p.m., Saturday 9 a.m.– 4 p.m.

4. Instruction to Bidders / Proposal

- a. *Type and Preparation of Proposals:*
 - i. The cost for the work is to be submitted on a Lump Sum basis.
 - ii. Bidder shall complete and submit required forms
 - iii. Revised Proposal Form with corrected contract duration and demolition method included in Addendum No. 2.
- b. *Submission of Bids:*
 - i. ALL Bids shall be made on the Bid form provided and contain (1) Original bid package & (2) Flash Drives containing a single PDF file of the entire bid package.

5. Insurance and Bonds

- a. *Performance and Payment Bonds*
 - i. The successful Bidder shall file with the City, at the time of delivery of the signed Contract, a Performance and Payment Bond found on the form provided in the ITB documents and CKW Business License Tax Receipt.

6. Time of Completion

- a. *Target City Commission award January 3, 2018 with work **complete March 30, 2018.***

Truman Waterfront Building 103 Demolition

Bid Opening: November 29, 2017

[illegible]