



CITY OF HOUSTON

Public Works and Engineering
Department

Interoffice

Correspondence

To: Ebi Nassiri, P.E.
Assistant Director
Engineering Branch
Engineering and Construction
Division

From: Managing Engineer
Geo-Environmental Services Branch
Engineering and Construction Division

Date: February 25, 2013

Attn: Akhter Hussain, P.E.

Subject: **STABLEWOOD LIFT STATION DEMOLITION**
8855 Harness Creek Drive
WBS NO. R-000267-0109-3

Attached are two copies of the asbestos and lead survey reports for the subject property, prepared by Technology Serving People, Inc. (TSP), the City's consultant for the subject project. The consultant's findings and recommendations are summarized below:

ASBESTOS

Findings:

A total of three (3) bulk material samples of **flange gaskets** were taken with suspect Asbestos Containing Materials (ACM). All samples were collected from areas within the subject property and analyzed for asbestos content (See Sections 2 through 4 of the asbestos survey report). Samples were analyzed by using Polarized Light Microscopy Method (PLM).

- Analytical results indicated that **no asbestos** content was detected from all samples collected. All samples were < 1% asbestos. (See Sections 2 and 4 of the asbestos survey report).
- No other suspect materials were observed.

Recommendations:

- No abatement is required.

LEAD

Findings:

A total of three (3) paint chip samples were collected and analyzed for lead content (See Section 3 of the lead survey report). These samples were analyzed by using Inductively Coupled Plasma (ICP) method.

- Analytical results for the:
 - **Green paint on concrete had no lead detected.**; and
 - **Silver paint on vent had no lead detected.**

- o **Blue paint on pipe/valve in Dry Well had a lead content of 0.0292% by weight.**
This level falls under the City of Houston's Hazard Category A (Allowable Lead Level).

Recommendations:

- Recycle all metal components including those with lead containing paint. No abatement is required.

OSHA regulations apply to workers during demolition and/or renovation. For further details, refer to the lead survey report for detailed findings and recommendations (See Sections 1 and 3 of the lead survey report).

If you have any questions, please call Maher Tanbouz, P.E. at 832-395-2260 or T.C. Nguyen at 832-395-2258.



Mike Pezeshki, P.E.



MP:MT:TCN:jc

H:\constrA-ENV-SB\Environmental\Abestos_&_Lead\A&L Assessments\2013\R-000267-0109-3_(Stablewood_LS_at_8856_Harness_Creed_Dr).doc

Attachment: Two (2) Asbestos/Lead Survey Reports

ec: Daniel R. Menendez, P.E.
Ravi Kaleyatodi, P.E., CPM



Technology Serving People, Inc. • Environmental Health & Engineering Services

**Asbestos and Lead Survey
Stablewood Lift Station FN 127
8855 Harness Creek Drive
Houston, Texas**

**WBS No. R-000267-0109-3
Task No. 12-21**

Prepared for:

**The City of Houston Public Works
and Engineering Department
611 Walker, 14th Floor
Houston, Texas 77251-1562**

**Inspected
January 22, 2013**

Prepared By:

**Technology Serving People, Inc.
2511 Willowick, Suite 229
Houston, Texas 77027**

Submitted By:

**Bruce D. Peters
Asbestos Consultant TDSHS No. 10-5336**

**Michael Solomon
Lead Inspector TDSHS Certificate No. 2060695**

January 31, 2013

TABLE OF CONTENTS

Section 1	Executive Summary
Section 2	Asbestos Survey Report
Section 3	Lead Survey Report
Section 4	Chain of Custody and Sample Results
Section 5	Site Plan & Photographs
Section 6	Licenses and Accreditations
Section 7	Asbestos and Lead Hazard Characterization List
Section 8	COH Asbestos and Lead Check List

EXECUTIVE SUMMARY

Technology Serving People, Inc. (TSP) conducted an asbestos and lead survey on January 22, 2013 on the Stablewood Lift Station FN 127, 8855 Harness Creek Drive, Houston, Texas. The lift station consists of a poured in place concrete wet well with two submersible pumps and a dry well facility with the discharge piping and valves. The facility is fenced and locked. Access to the dry well is through a grate. There was no information available on the construction date of the lift station and no COH drawings were available at the time of the survey. Site inspection and bulk material sample collections were conducted using standard protocols specified by the Texas Asbestos Protection Act (TAHPA), Texas Environmental Lead Reduction Rules (TELRR), and National Emissions Standards for Hazardous Air Pollutants (NESHAP). All accessible areas of the lift station were inspected.

A & B Labs of Houston, Texas, a State of Texas Licensed Asbestos Laboratory (PCM, PLM, TEM, and NVLAP Accredited) and Accredited NLLAP Lead Laboratory, performed all asbestos and lead analyses.

ASBESTOS SUMMARY

Findings:

Three (3) bulk material samples were collected of rubber flange gaskets. No asbestos was detected in any of the gasket samples.

No other suspect materials were observed.

Recommendations:

Any piping with rubber gaskets may be removed and disposed of as general construction material. If any in line drop gaskets are found, they should be assumed to be asbestos-containing, until flanges are broken and the gaskets can be inspected and bulk sampled, if found to be non-rubber types or abated. Break all pipe flanges; abate non-rubber gaskets by standard wet methods, bag asbestos waste, and dispose of as asbestos containing waste. The General Contractor should coordinate with the abatement contractor to schedule abatement activities. The General Contractor may opt to cut out gaskets/flange areas and have the abatement contractor pick-up the pipe segments for disposal.

The quantity of the gasket materials does not meet reportable limits for this NESHAP facility.

Cost:

There are no asbestos abatement costs anticipated with this facility.

LEAD SUMMARY

Findings:

Three (3) paint chip samples were taken of painted materials and equipment at the lift station to determine lead content.

Technology Serving People, Inc.

Only a blue paint sample from the dry well pipes/valves had a detectable lead content of 292 mg/Kg and is not a lead based paint. The paint is in general fair condition. OSHA regulations apply to workers during demolition or renovation.

Recommendations:

The lift station is scheduled for renewal or replacement in the future. Recycle all metal components including those with lead containing paint. No lead abatement required.

OSHA Requirements: The U.S. Occupational Safety and Health Administration (OSHA) does not specify a minimum lead concentration in its lead standard. Rather, it requires all employers to determine an exposure level and provide prescribed training, personal protective equipment, medical surveillance, and record keeping.

All paint which has a detectable level of lead is considered a lead-containing paint by OSHA and should be handled in the following ways:

1. Notify any contractor cutting, abrading or disturbing lead containing paint that the paint contains the listed concentrations of lead.
2. Metal components should be dismantled by unfastening bolts where possible. Cutting, abrading or welding on painted metal components should be discouraged.
3. Disposal of painted metal components should be through a metal recycling company that accepts metal with lead paint.
4. Demolished concrete structures with lead-containing paint should be tested by the TCLP method, as required by the U.S. Environmental Protection Agency (EPA), to characterize the waste for disposal.

Cost:

No lead abatement costs associated with this lift station.

Asbestos Survey Report

Technology Serving People, Inc. (TSP) conducted an asbestos survey on January 22, 2013 on the Stablewood Lift Station FN 127, 8855 Harness Creek Drive, Houston, Texas. The lift station consists of a poured in place concrete wet well with two submersible pumps and a dry well facility with the discharge piping and valves. The facility is fenced and locked. Access to the dry well is through a grate. There was no information available on the construction date of the lift station and no COH drawings were available at the time of the survey. Site inspection and bulk material sample collections were conducted using standard protocols specified by the Texas Asbestos Protection Act (TAHPA) and National Emissions Standards for Hazardous Air Pollutants (NESHAP). All accessible areas of the lift station were inspected.

A & B Labs of Houston, Texas, a State of Texas Licensed Asbestos Laboratory (PCM, PLM, and NVLAP Accredited) performed all asbestos analyses.

Findings:

Three (3) bulk material samples were collected of flange gaskets. No asbestos was detected in any of the gasket samples.

No other suspect materials were observed.

Recommendations:

Any piping with rubber gaskets may be removed and disposed of as general construction material. If any in line drop gaskets are found, they should be assumed to be asbestos-containing, until flanges are broken and the gaskets can be inspected and bulk sampled, if found to be non-rubber types or abated. Break all pipe flanges; abate non-rubber gaskets by standard wet methods, bag asbestos waste, and dispose of as asbestos containing waste. The General Contractor should coordinate with the abatement contractor to schedule abatement activities. The General Contractor may opt to cut out gaskets/flange areas and have the abatement contractor pick-up the pipe segments for disposal.

The quantity of the gasket materials does not meet reportable limits for this NESHAP facility.

Cost:

There are no asbestos abatement costs anticipated with this facility.

Lead Survey Report

Technology Serving People, Inc. (TSP) conducted a lead survey on January 22, 2013 on the Stablewood Lift Station FN 127, 8855 Harness Creek Drive, Houston, Texas. The lift station consists of a poured in place concrete wet well with two submersible pumps and a dry well facility with the discharge piping and valves. The facility is fenced and locked. Access to the dry well is through a grate. There was no information available on the construction date of the lift station and no COH drawings were available at the time of the survey. Site inspection and bulk material sample collections were conducted using standard protocols specified by the Texas Environmental Lead Reduction Rules (TELRR). All accessible areas of the lift station were inspected.

A & B Labs of Houston, an Accredited NLLAP Lead Laboratory, performed all lead analyses.

Findings:

Three (3) paint chip samples were taken of painted materials and equipment at the lift station to determine lead content.

Green concrete pad paint (8855-Pb-01) had no lead detected in it. OSHA requirements do not apply.

Silver vent pipe paint (8855-Pb-02) had no lead detected in it. OSHA requirements do not apply.

Blue pipe/valve paint sample from the dry well had a detectable lead content of 292 mg/Kg and is not a lead based paint. The paint is in fair condition. OSHA regulations apply during renovation activities.

Recommendations:

The lift station is scheduled for replacement or renewal in the future. Recycle all metal components including those with lead containing paint. No lead abatement required.

OSHA Requirements: The U.S. Occupational Safety and Health Administration (OSHA) does not specify a minimum lead concentration in its lead standard. Rather, it requires all employers to determine an exposure level and provide prescribed training, personal protective equipment, medical surveillance, and record keeping.

All paint which has a detectable level of lead is considered a lead-containing paint by OSHA and should be handled in the following ways:

1. Notify any contractor cutting, abrading or disturbing lead containing paint that the paint contains the listed concentrations of lead.
2. Metal components should be dismantled by unfastening bolts where possible. Cutting, abrading or welding on painted metal components should be discouraged.
3. Disposal of painted metal components should be through a metal recycling company that accepts metal with lead paint.
4. Demolished concrete structures with lead-containing paint should be tested by the TCLP method, as required by the U.S. Environmental Protection Agency (EPA), to characterize the waste for disposal.

Cost:

No lead abatement costs associated with this lift station.

Laboratory Analysis Report

Total Number of Pages: 8

Job ID : 13010937



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6080, fax: 713-453-6091, <http://www.ablabs.com>

Client Project Name :
Stablewood LS.FN 127

Report To : Client Name: TSP Inc.
Attr: Mike Solomon
Client Address: 2511 Willowick #229
City, State, Zip: Houston, Texas,

P.O.#.:
Sample Collected By: Michael Solomon
Date Collected:

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
8855-Pb-01	Paint Chips	13010937.01
8855-Pb-02	Paint Chips	13010937.02
8855-Pb-03	Paint Chips	13010937.03

A handwritten signature in cursive script that reads "Alisha Rodriguez".

Released By: Alisha Rodriguez
Title: Project Manager
Date: 1/23/2013



This Laboratory is NELAP (T104704213-12-7) accredited. Effective: 07/01/2012; Expires: 03/31/2013

Scope: Non-Potable Water, Drinking Water, Air, Solid, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

Date Received : 01/22/2013 12:30

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 13010937

Date: 1/23/2013

General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
MS	Matrix Spike	surr	Surrogate
MSD	Matrix Spike Duplicate	T	Time
MW	Molecular Weight	TNTC	Too numerous to count

Qualifier Definition



LABORATORY TEST RESULTS

Job ID : 13010937

Date 1/23/2013

Client Name: TSP Inc. Attn: Mike Solomon
Project Name: Stablewood LS.FN 127

Client Sample ID: 8855-Pb-01 Job Sample ID: 13010937.01
Date Collected: Sample Matrix: Paint Chips
Time Collected:
Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SW-846 6010C	Total Metals								
	Lead	BRL	mg/Kg	10	100			01/22/13 22:08	GG



LABORATORY TEST RESULTS

Date 1/23/2013

Job ID : 13010937

Client Name: TSP Inc.
Project Name: Stablewood LS.FN 127

Attn: Mike Solomon

Client Sample ID: 8855-Pb-02 Job Sample ID: 13010937.02
Date Collected: Sample Matrix: Paint Chips
Time Collected:
Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SW-846 6010C	Total Metals Lead	BRL	mg/Kg	10	100			01/22/13 22:21	GG



LABORATORY TEST RESULTS

Job ID : 13010937

Date 1/23/2013

Client Name: TSP Inc. Attn: Mike Solomon
Project Name: Stablewood LS.FN 127

Client Sample ID: 8855-Pb-03 Job Sample ID: 13010937.03
Date Collected: Sample Matrix: Paint Chips
Time Collected:
Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SW-846 6010C	Total Metals								
	Lead	292	mg/Kg	10	100			01/22/13 22:25	GG

A & B Environmental Services, Inc.
 10000 East Freeway, Suite 100
 Houston, TX 77029
 713-453-6060 Fax 713-453-6091



PAINT CHIP

Sample Chain-of-Custody

A&B Job ID: 13010937 TAT (Check one): Immediate (2-4 hour) _____
 Rush (24 hour) _____
 Regular (3-5 working days) 3 DAYS

Report to: _____ Invoice to: _____
 Company: TECHNOLOGY SERVING PEOPLE, Inc. Company: _____
 Address: 2511 WILLOWICK #229 Address: SPARC
HOUSTON, TX 77027
 Contact: MIKE SOLOMON Contact: _____
 Phone: (713) 781-9067 Phone: _____
 Fax: _____ Fax: _____
 Email: eric@broof.com Email: _____
 PO#: _____

Project Name/#: STABLEWOOD L.S. FN 127
 Sampler's Name & Company: MIKE SOLOMON, TSP Method of Shipment: HAND DELIVERY

Client Sample #	A&B Sx ID	Type	Location
1 <u>8855-Pb-01</u>	<u>01A</u>	<u>GREEN CONCRETE PAINT</u>	
2 <u>8855-Pb-02</u>	<u>02A</u>	<u>SILVER OIL PAINT</u>	
3 <u>8855-Pb-03</u>	<u>03A</u>	<u>BURN PAPER/VALVE PAINT</u>	<u>DRYWALL</u>
4			
5			
6			
7			
8			
9			
10			

Client Sample# is required. A&B Sx ID is assigned by the lab. Type and location are optional.

Relinquished by:	Date	Time	Received by:	Date	Time
<u>Mike Solomon</u>	<u>1/22/13</u>	<u>1230</u>	<u>Reine Nguyen</u>	<u>1/22/13</u>	<u>12:30</u>
					<u>21.60°C</u>

21.60°C
102-11601
AN



Sample Condition Checklist

A&B JobID : 13010937		Date Received : 01/22/2013		Time Received : 12:30PM								
Client Name : TSP Inc.												
Temperature : 21.6°C		Sample pH : NA										
Thermometer ID : 111601055		pH Paper ID : NA										
Check Points												
		Yes	No	N/A								
1.	Cooler seal present and signed.			X								
2.	Sample(s) in a cooler.			X								
3.	If yes, ice in cooler.			X								
4.	Sample(s) received with chain-of-custody.	X										
5.	C-O-C signed and dated.	X										
6.	Sample(s) received with signed sample custody seal.		X									
7.	Sample containers arrived intact. (If no comment).	X										
8.	Matrix	Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Other
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Sample(s) were received in appropriate container(s).	X										
10.	Sample(s) were received with proper preservative	X										
11.	All samples were logged or labeled.	X										
12.	Sample ID labels match C-O-C ID's	X										
13.	Bottle count on C-O-C matches bottles found.	X										
14.	Sample volume is sufficient for analyses requested.	X										
15.	Samples were received within the hold time.	X										
16.	VOA vials completely filled.			X								
17.	Sample accepted.	X										
Comments : Include actions taken to resolve discrepancies/problem:												
Other = Paint Chips												

Received by : ANguyen

Check in by/date : Dlopez / 01/22/2013

LABORATORY ANALYSIS REPORT



A & B Environmental Services, Inc.
10100 East Freeway, Suite 100
Houston, Texas 77029

A&B Job ID: 13010936

Report Date : 1/25/2013

Total No of Pages : 4

NVLAP Lab Code : 101793-0 TDSHS LICENCE # : 30-0080

ProjectName : Stablewood LS.FN 127

Client : TSP Inc.
Contact : Bruce Peters
Address : 2511 Willowick #229
Houston, Texas

P.O.# :
Sample Collected By : Bruce Peters
Date Received : 01/22/2013
Sample Received By : ANguyen

Analysis by EPA Method 600/R-93/116 or 40 CFR, Part 763, Subpart F as appropriate. Components of non-homogenous or layered materials are analyzed separately and reported individually if asbestos is found in one or more layers or components. Analysis of vinyl floor tile and other resinously bound materials using these methods may yield false negative results. The Client may consider confirmation of negative results on these materials by TEM analysis. Fiber quantification is based on calibrated visual estimation. State regulations prohibit classifying asbestos containing materials as having 1% or less unless verified by point count. The Client should consider additional quantification by point count for friable materials containing 1-3% asbestos. These results pertain only to the items tested. This report may not be reproduced, except in full, without the written permission of A & B Environmental. The report must not be used by the Client to claim product endorsement by NVLAP or any agency of the U.S. Government. All samples are assumed to be in acceptable condition unless otherwise noted.

A & B Labs has analyzed the following samples . . .

Your Sample ID	Asbestos Detected	Result	A&B Job Sample ID
127-01	No		13010936.01.A
127-02	No		13010936.02.A
127-03	No		13010936.03.A

Thank you for choosing A & B Labs.

Alisha Rodriguez

Approved By: Alisha Rodriguez
Title: Project Manager

Analyst: *[Signature]*

TEST REPORT FOR BULK ASBESTOS BY PLM



A&B Job ID 13010936

Date : 01/25/2013

Client Name: TSP Inc.
 Project Stablewood LS.FN 127
 Name:

Date Received: 01/22/2013
 Date Analyzed: 01/24/2013
 Analyst Initial: HA

<i>Client Sample ID</i>	<i>A&B Sample ID</i> <i>Sample Description</i>	<i>Asbestos Detected</i>	<i>Asbestos Fibers</i>	<i>Other Fibers</i>	<i>Non - Fibrous Material</i>
13010936.01 13010936.01.A 127-01 Layer % of Total :100%	Gasket Granular/Vinyl Homogeneous Gray/Red	No		Cellulose 1-10%	Binder Glue Paint Vinyl
13010936.02 13010936.02.A 127-02 Layer % of Total :100%	Gasket Granular/Vinyl Homogeneous Blue/Gray/Red	No		Cellulose 1-10%	Binder Glue Paint Vinyl
13010936.03 13010936.03.A 127-03 Layer % of Total :100%	Gasket Granular/Vinyl Homogeneous Blue/Gray/Red	No		Cellulose 1-10%	Binder Glue Paint Vinyl



Sample Condition Checklist

A&B JobID : 13010936	Date Received : 01/22/2013	Time Received : 12:27PM	
Client Name : TSP Inc.			
Temperature : 21.6°C	Sample pH : NA		
Thermometer ID : 111601055	pH Paper ID : NA		
Check Points			
	Yes	No	N/A
1. Cooler seal present and signed.			X
2. Sample(s) in a cooler.			X
3. If yes, ice in cooler.			X
4. Sample(s) received with chain-of-custody.	X		
5. C-O-C signed and dated.	X		
6. Sample(s) received with signed sample custody seal.		X	
7. Sample containers arrived intact. (If no comment).	X		
8. Matrix	Water	Soil	Liquid
	Sludge	Solid	Cassette
	Tube	Bulk	Badge
	Food	Other	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Sample(s) were received in appropriate container(s).	X		
10. Sample(s) were received with proper preservative	X		
11. All samples were logged or labeled.	X		
12. Sample ID labels match C-O-C ID's	X		
13. Bottle count on C-O-C matches bottles found.	X		
14. Sample volume is sufficient for analyses requested.	X		
15. Samples were received within the hold time.	X		
16. VOA vials completely filled.			X
17. Sample accepted.	X		
Comments : Include actions taken to resolve discrepancies/problem:			

Received by : **Anguyen**

Check in by/date : **Dlopez / 01/22/2013**

A & B Environmental Services, Inc.
 10000 East Freeway, Suite 100
 Houston, TX 77029
 713-453-6080 Fax 713-453-6091



Asbestos Bulk Sample Chain-of-Custody

A&B Job ID: 13010936 TAT (Check one): Immediate (2-4 hour) _____
 Rush (24 hour) _____
 Regular (3-5 working days) 3 DAYS

Report to: _____
 Company: TECHNOLOGY SERVING PEOPLE, Inc. Company: _____
 Address: 2511 WILLOWICK #229 Address: _____
HOUSTON, TX 77027
 Contact: BRUCE PETERS Contact: _____
 Phone: (713) 781-9067 Phone: _____
 Fax: _____ Fax: _____
 Email: eric@brock@earthlink.net Email: _____
 PO#: _____

Invoice to: _____
SMPC

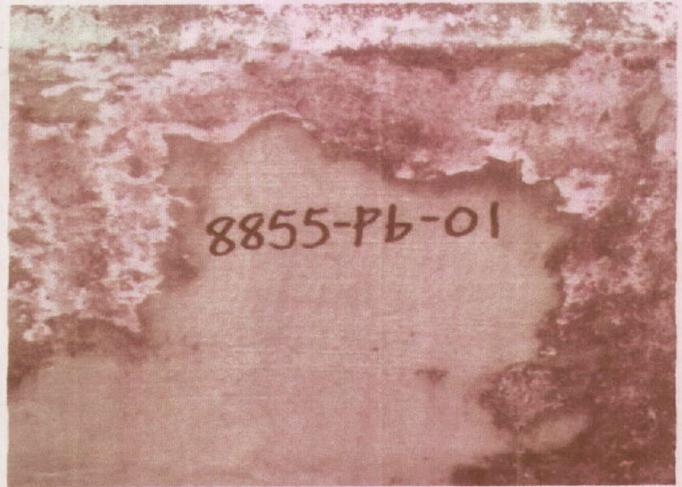
Project Name#: STRONWOOD LS, FN 127
 Sampler's Name & Company: BRUCE PETERS, TSP. Method of Shipment: HAND DELIVERY

Client Sample #	A&B Sx ID	Type	Location
1 127-01	O1A	VENT FLANGE GASKET	
2 127-02	O2A	DAYWELL FLANGE GASKET	
3 127-03	O3A	DAYWELL FLANGE GASKET	
4			
5			
6			
7			
8			
9			
10			

Client Sample# is required. A&B Sx ID is assigned by the lab. Type and location are optional.

Registered by:	Date	Time	Received by:	Date	Time
<u>Bruce Peters</u>	<u>1/22/13</u>	<u>12:24</u>	<u>Bruce Peters</u>	<u>1/22/13</u>	<u>12:24</u>
				<u>21.6°C</u>	

AN
 111601055



Green Concrete Paint (8855-Pb-01) BRL



Silver Vent Paint (8855-Pb-02) BRL



Blue Valve/Pipe Paint (8855-Pb-03) 292 mg/Kg



Drywell Valves/Pipes



Drywell Pipes/Valves



Vent Flange Gasket (127-01) ND



Pipe Flange Gasket (127-02) ND



Pipe Flange Gasket (127-03) ND

TEXAS DEPARTMENT OF STATE HEALTH SERVICES

TECHNOLOGY SERVING PEOPLE INC

is certified to perform as a

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.



DAVID LAKEY, M.D.
COMMISSIONER OF HEALTH

License Number: 100035

Control Number: 26386

Expiration Date: 2/3/2013

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

TEXAS DEPARTMENT OF STATE HEALTH SERVICES

Be it known that

TECHNOLOGY SERVING PEOPLE INC

is certified to perform as a

Lead Firm

in the State of Texas and is hereby governed by the rights, privileges and responsibilities set forth in Texas Occupations Code, Chapter 1955 and Title 25, Texas Administrative Code, Chapter 295 relating to Texas Environmental Lead Reduction, as long as this license is not suspended or revoked.



*David L. Lahey, M.D.
Commissioner of Health*

License Number 2110316

Control Number 6433

Expiration Date 3/30/2014

(Void After Expiration Date)

Department of State Health Services certifies that

MICHAEL E SOLOMON

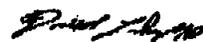
is certified as a

Lead Inspector

Certification No: 2060595

Control No: 6175

Expires: 10/18/2013



David L. Lakey, M.D.
Commissioner of Health

**Texas Department of
State Health Services**

Asbestos Individual Consultant

BRUCE D PETERS

License No. 105336

Control No. 96363

Expiration Date: 7/31/2014





TEXAS DEPARTMENT OF STATE HEALTH SERVICES

A & B ENVIRONMENTAL SERVICES INC

is certified to perform as a

**Asbestos Laboratory
PCM, PLM**

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

DAVID LAKEY, M.D.
COMMISSIONER OF HEALTH

License Number: 300080

Control Number: 95814

Expiration Date: 5/18/2014

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

National Voluntary Laboratory Accreditation Program

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A & B Environmental Services, Inc.

NVLAP Lab Code: 101793-0

Address and Contact Information:

10100 I-10 East, Suite 100

Houston, TX 77029

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E-Mail: rwells@ablabs.com

Send E-Mail to Laboratory: A & B Environmental Services, Inc.

URL: <http://www.ABLABS.com>

NVLAP Accreditation Information

Listed below is the scope of accreditation for this laboratory as of January 25, 2013. For additional information, contact NVLAP at (301) 975-4016.

Send E-Mail to NVLAP at: NVLAP@nist.gov

Bulk Asbestos Analysis (PLM)

Accreditation Valid From: January 1, 2013 Through: December 31, 2013

[18/A01] PLM

EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

[18/A03] PLM

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

[Return to NVLAP Program Listing](#)

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**Asbestos Hazards Characterization (AHC) List
Stablewood Lift Station FN 127
8855 Harness Creek Drive
Houston, Texas**

<u>Material</u>	<u>Asbestos Content</u>	<u>AHC</u>
127-01 (Rubber Flange Gasket)	ND	A- No Asbestos Found
127-02 (Rubber Flange Gasket)	ND	A- No Asbestos Found
127-03 (Rubber Flange Gasket)	ND	A- No Asbestos Found

**Lead Hazards Characterization (LHC) List
Stablewood Lift Station FN 127
8855 Harness Creek Drive
Houston, Texas**

<u>Material</u>	<u>Lead Content</u>	<u>LHC</u>
8855-Pb-01 Green concrete Paint	< 100 mg/Kg (BRL)	A-Allowable Lead Level
8855-Pb-02 Silver Vent Paint	< 100 mg/Kg (BRL)	A-Allowable Lead Level
8855-Pb-03 Blue Pipe/Valve Paint Dry Well	292 mg/Kg	A-Allowable Lead Level

CHECK LIST FOR ASBESTOS SURVEYSNAME OF THE FACILITY: STABLEWOOD L.S, FN 127FACILITY ADDRESS: 8855 HARNESS CREEK DRIVEDATE OF SURVEY: 1/22/13 CONSULTANT: TECHNOLOGY SERVING PEOPLE, Inc.INSPECTOR(S) NAME: BRUCE PETERS

Note: Items/information listed below must be included in the report. Use this check list to ensure completeness of your report. Mark "X" or "check" in front of the information included in the report. Submit completed check list with the report. If a facility is surveyed for asbestos and lead, the surveys shall be segregated in one binder or preferably two separate reports.

1. Date and Contract number of the survey.
2. Scope of work.
3. Copy of the Inspector(s) TDH License.
4. Name and Address of the building.
5. Statement...if building records were used in the inspection and if not, Why?
6. Date of construction and last renovation (if any) of the building.
7. Cover letter (in report) contain executive summary or executive summary begin the report format.
8. List of areas that were not inspected. Explain.
9. Procedures and protocols used to collect bulk samples.
10. List of measures taken to prevent potential fiber release from locations where samples were extracted.
11. Drawings and photographs with sample locations marked to facilitate future location of materials sampled.
12. Statement...if an accredited (NVLAP) laboratory was used for Sample Analysis.
13. Copy of the Laboratory accreditation certificate.
14. Copy of the laboratory analysis results of the bulk samples.
15. Statement (by the laboratory) regarding Quality Assurance and Quality Control performed.
16. Copy of the chain of custody form for the bulk samples.
17. List of materials assumed to be containing asbestos.
18. City of Houston Asbestos Hazard Categorization (AHC) list and categorization of all the samples according to the AHC list included in the report.
19. Condition of the building structure such as deterioration, structural problems, or other damages.

If Asbestos Present:

20. Statement...if repeat analysis using point counting with PLM was done as required by the city for

ASBESTOS CHECKLIST

21. Photographs of all Materials proven to be ACM are included.
23. All asbestos containing materials are classified as Friable or Non-Friable.
24. Recommendations are made for all Asbestos Containing Materials.
25. Reasonably accurate quantities of ACM's are estimated and given in the report.
26. Cost estimations are given for abatement.
27. MA Operation and Maintenance Plans are recommended.

Signed: Bruce Peter

Name: Bruce PETERS

Title: ASBESTOS CONSULTANT

CHECK LIST FOR LEAD SURVEYS

NAME OF THE FACILITY: STABLEWOOD L.S. FN 127

FACILITY ADDRESS: 8855 HARNESS CREEK DRIVE

DATE OF THE SURVEY: 1/22/13 CONSULTANT: TECHNOLOGY SERVING PEOPLE, INC.

INSPECTOR(S) NAME: MIKE SOLOMON

Note: Items/information listed below must be included in the report. Use this check list to ensure completeness of your report. Mark "X" or "check" in front of the information included in the report. Submit completed check list with the report. If a facility is surveyed for lead and asbestos, the survey reports shall be segregated in one binder or preferably two separate reports.

1. NA Statement... if "HUD Guidelines for Evaluation and Control of Lead Based Paint in Housing" or any other criteria was followed for the survey.
2. ✓ Date and Contract number of the survey.
3. ✓ Scope of the work.
4. ✓ Copy of the Inspector (s) TDH Certificate.
5. ✓ Name and Address of the building.
6. ✓ Statement... if building records were used in the inspection, and if not, Why?
7. ✓ Cover letter (in report) containing executive summary or executive summary at the beginning of the report format.
8. ✓ Date of construction and last renovation (if any) of the building.
9. ✓ List of areas that were not inspected. Explain.
10. ✓ Condition of the building structure such as deterioration, structural problems or other damages.
11. ✓ List of components assumed to have lead based paint or coating, if any.
12. ✓ City of Houston Lead Hazard Categorization (LHC) list and categorization of all the samples according to the LHC list included in the report.

XRF Analyzer Used:

3. NA Performance Characteristics Sheet (PCS) for the XRF equipment/s used.
4. NA Calibration Check Test Results (Form 7.2, HUD Guidelines, or equivalent).
5. NA Statement...if HUD Guidelines were followed for Calibration Check Test of the XRF equipment and replacement XRF equipment, if used.
6. NA Installation date and type of source for XRF equipment and replacement equipment, if used.
7. NA Drawings and photographs with XRF reading locations marked to facilitate future location of XRF readings.

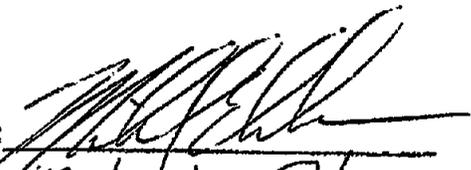
Samples Taken For Laboratory Analysis:

1. ✓ Procedures and protocols used to collect paint chip samples.

19. Copy of the chain of custody form for samples.
20. Statement ...if an accredited (NLLAP/ELLAP) laboratory was used for Sample Analysis.
21. Copy of the Laboratory accreditation certificate.
22. Copy of the laboratory analysis results of the paint chip samples and other PbCMs .
23. Statement (by the laboratory) regarding Quality Assurance and Quality Control performed.
24. Drawings and photographs with sample locations marked to facilitate future location of coating materials sampled.

If Lead Found:

25. Photographs of all component areas proven to have lead.
26. Recommendations for all components proven to have lead based paint or coatings.
27. NA Recommendations for Operation and Maintenance Plans.
28. NA Estimated quantities of Lead Containing Materials.
29. NA Cost estimations for abatement.

Signed: 

Name: Michael E. Solomon

Title: Lead Inspector