2150 SMITHTOWN AVENUE, SUITE 3
RONKONKOMA, NEW YORK 11779-7348
PHONE: (631) 580-3191 • FACSIMILE (631) 580-3195

PRINCIPALS

J. DRISCOLL B. Gallagher T. Kluender G. Neuschwender E.DETWEILER
E.IVANS
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G.MENEGIO
J.SPILLETT

May 5, 2015

Town of Islip Parks & Recreation Ms. Inez Birbiglia 50 Irish Lane East Islip, NY 11730

RE: Roberto Clemente Park

Dear Ms. Birbiglia,

Attached please find the results for the asbestos air sampling that was conducted in the Roberto Clemente Park, located at 400 Broadway in Brentwood, NY. There were five sample dates in April. Please feel free to call me with any questions.

Sincerely,

Glenn Neuschwender

Grenn June 12

President

2150 SMITHTOWN AVE. + RONKONKOMA, NY 11779 + PHONE (631) 580-3191 + FAX (631) 580-3195

ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

	T6 Fast Perimeter	T5 East Perimeter	T4 Northeast Perimeter	T3 Northeast Perimeter	T2 North Perimeter	T1 North Perimeter	Sample #	PAGE #:	JOB #:	AREA:	PROJECT NAME:	CLIENT:
ICICI	note:	eter	Perimeter	Perimeter	imeter	imeter	Sample Location	1 of 2	11114	Perimeter Monitoring	: Roberto Clemente Park	Town of Islip
	9:27	9:27	9:23	9:23	9:20	9:20	Start			1 onitori	emente	jp
	11:27	11:27	11:23	11:23	11:20	11:20	End			ing	Park	
	120	120	120	120	120	120	Run Time Minutes					
	10	10	10	10	10	10	Flow Rate Average					
	1200	1200	1200	1200	1200	1200	Volume Liters	CI	S.	S.Ł	D,	S.
	0	0	0	0	0	0	Total Asbestos Structures	CUSTODY #:	SAMPLER:	SAMPLE TYPE:	DATE RECEIVED:	SAMPLE DATE:
							Туре			PE:	IVED:	NTE:
	0	0	0	0	0	0	# of structures > 5µ	13124	Edik	Ambient	4/1/2015	4/1/2015
	0	0	0	0	0	0	# of structures >0.5µ <5µ	24	Edik Ivans	pient	2015	2015
	0	0	0	0	0	0	Filter Conc. S/mm ²					
	.0043	.0043	.0043	.0043	.0043	.0043	Sensitivity S/cc					
	<.0043	<.0043	<.0043	<.0043	<.0043	<.0043	Air Conc. S/cc					

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, p=micrometer <=less than, >greater than, Flow Rate in liters per minute

Analyzed by:

T8 T9

Northwest Perimeter Southeast Perimeter

11:359:31

13:35 11:31

120

10 10

1200 1200

0 0

0 0

0 0

0 0

.0043 .0043

<.0043 <.0043

120

Date Analyzed: 4/7/2015

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).

Concentration on the filter is calculated by taking the number of asbestos structures and dividing by the area analyzed. Air concentration is calculated by multiplying the effective filter area (EFA) by the filter concentration and then dividing by the volume of air collected in cubic centimeters (cc).

The data pertaining to these calculations can be found on the Asbestos Count Sheet.

The air filter concentration relates only to air fiber content. When samples are submitted by an outside agency for analysis, Enviroscience Consultants, Inc. can only guarantee the accuracy of the filter concentration. This report may not be reproduced without the express permission of Enviroscience. This report cannot be used to claim endorsement of products by NVLAP or any agency of the U.S.

40 CFR 763. The samples collected in the response action area demonstrated a filter concentration of asbestos less than seventy structures per square millimeter. This response action is considered complete according to EPA

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

Air Conc	Sansitivity Air Conc	Filter	# of	# of	Total	Volume	Run Flow	Run		Sample
			24	13124	CUSTODY #:	CU			2 of 2	PAGE #:
			Edik Ivans	Edik	SAMPLER:	SA			11114	JOB #:
			pient	Ambient	SAMPLE TYPE:	SA			Perimeter Monitoring	AREA:
			2015	4/1/2015	DATE RECEIVED:	DA			Roberto Clemente Park	PROJECT NAME:
			2015	4/1/2015	SAMPLE DATE:	SA			Town of Islip	CLIENT:

		0	0	0		0						Opened Field Blank	T18
		0	0	0		0						Sealed Blank	T17
<.0043	.0043	0	0	0		0	1200	10	120	13:45	11:45	South Perimeter	T16
<.0043	.0043	0	0	0		0	1200	10	120	13:45	11:45	South Perimeter	T15
<.0043	.0043	0	0	0		0	1200	10	120	13:42	11:42	Southwest Perimeter	T14
<.0043	.0043	0	0	0		0	1200	10	120	13:42	11:42	Southwest Perimeter	T13
<.0043	.0043	0	0	0		0	1200	10	120	13:38	11:38	West Perimeter	T12
<.0043	.0043	0	0	0		0	1200	10	120	13:38	11:38	West Perimeter	T11
<.0043	.0043	0	0	0		0	1200	10	120	13:35	11:35	Northwest Perimeter	T10
Air Conc. S/cc	Sensitivity S/cc	Filter Conc. S/mm ²	# of structures >0.5µ <5µ	# of structures > 5µ	Туре	Total Asbestos Structures	Volume Liters	Flow Rate Average	Run Time Minutes	End	Start	Sample Location	Sample #

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, μ=micrometer ⇐less than,>greater than, Flow Rate in liters per minute

Analyzed by:

Date Analyzed: 4/7/2015

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40 CFR 763. Government. The samples collected in the response action area demonstrated a filter concentration of asbestos less than seventy structures per square millimeter. This response action is considered complete according to EPA

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TEM AIR SAMPLE RESULTS

<.0043	.0043	0	0	0		0	1200	10	120	11:45	9:45	Southeast Perimeter	T8 S
<.0043	.0043	0	0	0		0	1200	10	120	11:45	9:45	Southeast Perimeter	T7 S
<.0043	.0043	0	0	0		0	1200	10	120	11:42	9:42	East Perimeter	T6 E
<.0043	.0043	0	0	0		0	1200	10	120	11:42	9:42	East Perimeter	T5 E
<.0043	.0043	0	0	0		0	1200	10	120	11:38	9:38	Northeast Perimeter	T4 N
<.0043	.0043	0	0	0		0	1200	10	120	11:38	9:38	Northeast Perimeter	T3 N
<.0043	.0043	0	0	0		0	1200	10	120	11:35	9:35	North Perimeter	T2 N
<.0043	.0043	0	0	0		0	1200	10	120	11:35	9:35	North Perimeter	T1 N
Air Conc. S/cc	Sensitivity S/cc	Filter Conc. S/mm ²	# of structures >0.5\mu <5\mu	# of structures > 5µ	Туре	Total Asbestos Structures	Volume Liters	Flow Rate Average	Run Time Minutes	End	Start	Sample Location	Sample #
			25	13225	••	CUSTODY #:	CI					1 of 2	PAGE #:
			Edik Ivans	Edik		SAMPLER:	S_{ℓ}					11114	JOB #:
			pient	Ambient	PE:	SAMPLE TYPE:	S,			ing	Λ onitor	Perimeter Monitoring	AREA:
			2015	4/8/2015	IVED:	DATE RECEIVED:	D.			Park	emente	NAME: Roberto Clemente Park	PROJECT NAME:
			2015	4/8/2015	TE:	SAMPLE DATE:	S/				lip	Town of Islip	CLIENT:

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, μ=micrometer <=less than, >greater than, Flow Rate in liters per minute

Analyzed by:

 T_9

Northwest Perimeter

11:55

13:55

120

10

1200

0

0

0

0

.0043

<.0043

Date Analyzed: 4/13/2015

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).

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concentration. Government. The air fifter concentration relates only to air fiber content. When samples are submitted by an outside agency for analysis, Enviroscience Consultants, Inc. can only guarantee the accuracy of the filter concentration. This report may not be reproduced without the express permission of Enviroscience. This report cannot be used to claim endorsement of products by NVLAP or any agency of the U.S.

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TEM AIR SAMPLE RESULTS

#of #of Filter Sensitivity Air Conc	Total	Volume	Flow	Run		Sample
13225	CUSTODY #:	CI			2 of 2	PAGE #:
Edik Ivans	SAMPLER:	S.			11114	JOB #:
Ambient	SAMPLE TYPE:	S.			Perimeter Monitoring	AREA:
4/8/2015	DATE RECEIVED:	D.			Roberto Clemente Park	PROJECT NAME:
4/8/2015	SAMPLE DATE:	S,			Town of Islip	CLIENT:

		0	0	0		0						Opened Field Blank	T18
		0	0	0		0						Sealed Blank	T17
<.0043	.0043	0	0	0		0	1200	10	120	14:05	12:05	South Perimeter	T16
<.0043	.0043	0	0	0		0	1200	10	120	14:05	12:05	South Perimeter	T15
<.0043	.0043	0	0	0		0	1200	10	120	14:02	12:02	Southwest Perimeter	T14
<.0043	.0043	0	0	0		0	1200	10	120	14:02	12:02	Southwest Perimeter	T13
<.0043	.0043	0	0	0		0	1200	10	120	13:58	11:58	West Perimeter	T12
<.0043	.0043	0	0	0		0	1200	10	120	13:58	11:58	West Perimeter	T11
<.0043	.0043	0	0	0		0	1200	10	120	13:55	11:55	Northwest Perimeter	T10
Air Conc. S/cc	Sensitivity S/cc	Filter Conc. S/mm ²	# of structures >0.5µ <5µ	# of structures > 5µ	Туре	Total Asbestos Structures	Volume Liters	Flow Rate Average	Run Time Minutes	End	Start	Sample Location	Sample #

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, µ=micrometer <=less than, >greater than, Flow Rate in liters per minute

Analyzed by:

Date Analyzed: 4/13/2015

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TEM AIR SAMPLE RESULTS

<.0043	.0043	0	0	0		0	1200	10	120	11:35	9:35	Southwest	, 9
<.0043	.0043	0	0	0		0	1200	10	120	11:35	9:35	Southwest	5
<.0043	.0043	0	0	0		0	1200	10	120	11:33	9:33	North	4 1
<.0043	.0043	0	0	0		0	1200	10	120	11:33	9:33	North	3 1
<.0043	.0043	0	0	0		0	1200	10	120	11:30	9:30	At park southeast	2
<.0043	.0043	0	0	0		0	1200	10	120	11:30	9:30	At park southeast	1 .
Air Conc. S/cc	Sensitivity Air Conc. S/cc S/cc	Filter Conc. S/mm ²	# of structures >0.5µ <5µ	# of structures > 5µ	Туре	Total Asbestos Structures	Volume Liters	Flow Rate Average	Run Time Minutes	End	Start	Sample Location	Sample #
				13311		CUSTODY #:	C					1 of 2	PAGE #:
		Africano	R. Kluender/P. Africano	R. K		SAMPLER:	S.					11114	JOB #:
			pient	Ambient	PE:	SAMPLE TYPE:	S.			ing.	Ionitor	Perimeter Monitoring	AREA:
			4/16/2015	4/16	IVED:	DATE KECEIVED:				Park	emente	l NAME: Roberto Clemente Park	PROJECT NAME:
			4/16/2015	4/16	VTE:	SAMPLE DATE:	S				lip		CLIENT:

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, μ=micrometer <=less than, >greater than, Flow Rate in liters per minute

Analyzed by:

9 ∞ 7

Southeast Northwest Northwest

11:309:37 9:37

13:30 11:37 11:37

120

10 10 10

1200 1200 1200

0 0 0

0

0 0

0 0

.0043 .0043

<.0043 <.0043

.0043

<.0043

0 0

0

120

120

Date Analyzed: 4/20/2015

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

14	13	12	11	10	Sample #	PAGE #:	JOB #:	AREA:	PROJEC	CLIENT:
Southwest	Southwest	North	North	Southeast	Sample Location				PROJECT NAME:	
					cation	2 of 2	11114	Perimeter Monitoring	Roberto Clemente Park	Town of Islip
11:35	11:35	11:33	11:33	11:30	Start			lonitori	mente	įp
13:35	13:35	13:33	13:33	13:30	End			ing	Park	
120	120	120	120	120	Run Time Minutes					
10	10	10	10	10	Flow Rate Average					
1200	1200	1200	1200	1200	Volume Liters	Cl	S.	\mathbf{S}_{t}	D,	\mathbf{S}_{t}
0	0	0	0	0	Total Asbestos Structures	CUSTODY #:	SAMPLER:	SAMPLE TYPE:	DATE RECEIVED:	SAMPLE DATE:
					Туре			PE:	IVED:	TE:
0	0	0	0	0	# of structures > 5µ	13311	R. K	Ambient	4/16	4/16.
0	0	0	0	0	# of structures >0.5µ <5µ	1	R. Kluender/P. Africano	ient	4/16/2015	4/16/2015
0	0	0	0	0	Filter Conc. S/mm ²		Africano			
.0043	.0043	.0043	.0043	.0043	Sensitivity S/cc					
<.0043	<.0043	<.0043	<.0043	<.0043	Air Conc. S/cc					

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, μ=micrometer <=less than, >greater than, Flow Rate in liters per minute

Analyzed by:

17

16

11:37

13:37

10 10

0 0

0 0

0 0 0 0

0

0

0 0 0

0

.0043 .0043

<.0043 <.0043

0

11:37 | 13:37

120 120

1200 1200

18

Blank Blank Northwest 15

Northwest

Date Analyzed: 4/20/2015

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).

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The samples collected in the response action area demonstrated a filter concentration of asbestos less than seventy structures per square millimeter. This response action is considered complete according to EPA 40 CFR 763.

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

CLIENT:		Town of Islip	ď				S,	SAMPLE DATE:	TE:	4/23	4/23/2015			
PROJEC'	PROJECT NAME:	Roberto Clemente Park	mente	Park			D	DATE RECEIVE	IVED:	4/23	4/23/2015			
AREA:		Perimeter Monitoring	[onitori	ng			S	SAMPLE TYPE:	PE:	Ambient	ient			
JOB#:		11114					S.	SAMPLER:		R. K	R. Kluender / J. Barone	Barone		
PAGE #:		1 of 2					C	CUSTODY #:	•••	13362	52			
Sample #	Sample Location	ation	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Туре	# of structures > 5µ	# of structures >0.5\mu <5\mu	Filter Conc. S/mm ²	Sensitivity Air Conc. S/cc S/cc	Air Conc. S/cc
1	North by fill		8:30	10:30	120	10	1200	0		0	0	0	.0043	<.0043
2	North by fill		8:30	10:30	120	10	1200	0		0	0	0	.0043	<.0043
3	Southwest		8:32	10:32	120	10	1200	0		0	0	0	.0043	<.0043
4	Southwest		8:32	10:32	120	10	1200	0		0	0	0	.0043	<.0043
5	Northeast		8:34	10:34	120	10	1200	0		0	0	0	.0043	<.0043
6	Northeast		8:34	10:34	120	10	1200	0		0	0	0	.0043	<.0043
7	Southeast		8:36	10:36	120	10	1200	0		0	0	0	.0043	<.0043
8	Southeast		8:36	10:36	120	10	1200	0		0	0	0	.0043	<.0043
9	North by fill		10:30	12:30	120	10	1200	0		0	0	0	.0043	<.0043

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, μ=micrometer ⇐ less than, > greater than, Flow Rate in liters per minute

Analyzed by:

Date Analyzed: 4/28/2015

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).

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TEM AIR SAMPLE RESULTS

11	10	Sample #	PAGE #:	JOB #:	AREA:	PROJECT NAME:	CLIENT:
Southwest	North by fill	Sample Location				NAME:	
		ation	2 of 2	11114	Perimeter Monitoring	Roberto Clemente Park	Town of Islip
10.33	10:30 12:30	Start			onitori	mente l	p
13.33	12:30	End			ng	Park	
10.32 12.32 120	120	Run Time Minutes					
10	10	Flow Rate Average					
1200	1200	Volume Liters	C	S_t	S_t	D,	\mathbf{S}_{t}
0	0	Total Asbestos Structures	CUSTODY #:	SAMPLER:	SAMPLE TYPE:	DATE RECEIVED:	SAMPLE DATE:
		Туре	.÷		PE:	IVED:	VIE:
0	0	# of # of structures structures > 5\mu > 0.5\mu < 5\mu	13362	R.K	Ambient	4/23/201:	4/23,
n	0		52	R. Kluender / J. Barone	vient	/2015	4/23/2015
0	0	Filter Conc. S/mm ²		. Barone			
0043	.0043	Sensitivity Air Conc. S/cc S/cc					
2000	<.0043	Air Conc. S/cc					

		0	0	0		0						Blank sealed	18
		0	0	0		0						Blank inside	17
<.0043	.0043	0	0	0		0	1200	10	120	12:36	10:36	Southeast	16
<.0043	.0043	0	0	0		0	1200	10	120	12:36	10:36	Southeast	15
<.0043	.0043	0	0	0		0	1200	10	120	12:34	10:34	Northeast	14
<.0043	.0043	0	0	0		0	1200	10	120	12:34	10:34	Northeast	13
<.0043	.0043	0	0	0		0	1200	10	120	12:32	10:32	Southwest	12
<.0043	.0043	0	0	0		0	1200	10	120	12:32	10:32	Southwest	11
<.0043	.0043	0	0	0		0	1200	10	120	12:30	10:30	North by fill	10
Air Conc. S/cc	Sensitivity S/cc	Filter Conc. S/mm ²	# of structures >0.5µ <5µ	# of structures > 5µ	Туре	Total Asbestos Structures	Volume Liters	Flow Rate Average	Run Time Minutes	End	Start	Sample Location	Sample #

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, µ=micrometer <=less than, >greater than, Flow Rate in liters per minute

Analyzed by:

Date Analyzed: 4/28/2015

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

<.0043	.0043	0	0	0		0	1200	10	120	12:30	10:30	t	Northwest	9
<.0043	.0043	0	0	0		0	1200	10	120	10:36	8:36		Southeast	8
<.0043	.0043	0	0	0		0	1200	10	120	10:36	8:36		Southeast	7
<.0043	.0043	0	0	0		0	1200	10	120	10:34	8:34		Northeast	6
<.0043	.0043	0	0	0		0	1200	10	120	10:34	8:34		Northeast	5
<.0043	.0043	0	0	0		0	1200	10	120	10:32	8:32	t	Southwest	4
<.0043	.0043	0	0	0		0	1200	10	120	10:32	8:32	t	Southwest	3
<.0043	.0043	0	0	0		0	1200	10	120	10:30	8:30	t	Northwest	2
<.0043	.0043	0	0	0		0	1200	10	120	10:30	8:30	t	Northwest	1
Air Conc. S/cc	Sensitivity S/cc	Filter Conc. S/mm ²	# of structures >0.5µ <5µ	# of structures > 5µ	Туре	Total Asbestos Structures	Volume Liters	Flow Rate Average	Run Time Minutes	End	Start	Sample Location		Sample #
			88	13388	<i>t</i> :	CUSTODY #:	C					1 of 2	.:	PAGE #:
		. Barone	R. Kluender / J. Barone	R.K		SAMPLER:	S ₂					11114		JOB #:
			Ambient	Aml	PE:	SAMPLE TYPE:	S ₁			ing	1onitor.	Perimeter Monitoring		AREA:
			4/30/2015	4/30	IVED:	DATE RECEIVED:	D.			Park	mente	Roberto Clemente Park	PROJECT NAME:	PROJEC
			4/29/2015	4/29	ATE:	SAMPLE DATI	S ₂				ip	Town of Islip	.:·	CLIENT:

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, μ=micrometer ⇐less than,>greater than, Flow Rate in liters per minute

Analyzed by:

Date Analyzed: 5/1/2015

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).

Concentration on the filter is calculated by taking the number of asbestos structures and dividing by the area analyzed. Air concentration is calculated by multiplying the effective filter area (EFA) by the filter The data pertaining to these calculations can be found on the Asbestos Count Sheet.

The air fifter concentration relates only to air fiber content. When samples are submitted by an outside agency for analysis, Enviroscience Consultants, Inc. can only guarantee the accuracy of the filter concentration. This report may not be reproduced without the express permission of Enviroscience. This report cannot be used to claim endorsement of products by NVLAP or any agency of the U.S. Government.

40 CFR 763. The samples collected in the response action area demonstrated a filter concentration of asbestos less than seventy structures per square millimeter. This response action is considered complete according to EPA

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

13388	CUSTODY #:	2 of 2	PAGE #:
R. Kluender / J. Barone	SAMPLER:	11114	JOB #:
Ambient	SAMPLE TYPE:	Perimeter Monitoring	AREA:
4/30/2015	DATE RECEIVED:	Roberto Clemente Park	PROJECT NAME:
4/29/2015	SAMPLE DATE:	Town of Islip	CLIENT:

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Туре	# of structures > 5µ	# of structures >0.5µ <5µ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
10	Northwest	10:30	12:30	120	10	1200	0		0	0	0	.0043	<.0043
11	Southeast	10:32	12:32	120	10	1200	0		0	0	0	.0043	<.0043
12	Southeast	10:32	12:32	120	10	1200	0		0	0	0	.0043	<.0043
13	Northeast	10:34	12:34	120	10	1200	0		0	0	0	.0043	<.0043
14	Northeast	10:34	12:34	120	10	1200	0		0	0	0	.0043	<.0043
15	Southeast	10:36	12:36	120	10	1200	0		0	0	0	.0043	<.0043
16	Southeast	10:36	12:36	120	10	1200	0		0	0	0	.0043	<.0043
17	Blank inside						0		0	0	0		
18	Blank sealed						0		0	0	0		

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, μ=micrometer ⇐less than,>greater than, Flow Rate in liters per minute

Analyzed by:

Date Analyzed: 5/1/2015

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