2150 SMITHTOWN AVENUE, SUITE 3
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G.MENEGIO
J.SPILLETT

June 1, 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 four sample dates in May. Please feel free to call me with any questions.

Sincerely,

Glenn Neuschwender

Grenn Qued

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

<.0043	.0043	0	0	0		0	1200	10	120	11:32	9:32	Southeast Perimeter	T7
<.0043	.0043	0	0	0		0	1200	10	120	11:29	9:29	South Perimeter	Т6
<.0043	.0043	0	0	0		0	1200	10	120	11:29	9:29	South Perimeter	T5
<.0043	.0043	0	0	0		0	1200	10	120	11:26	9:26	Southwest Perimeter	T4
<.0043	.0043	0	0	0		0	1200	10	120	11:26	9:26	Southwest Perimeter	Т3
<.0043	.0043	0	0	0		0	1200	10	120	11:24	9:24	West Perimeter	T2
<.0043	.0043	0	0	0		0	1200	10	120	11:24	9:24	West Perimeter	T1
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 #
			30 	13450	¥:	CUSTODY #:	С					1 of 2	PAGE #:
			Edik Ivans	Edik		SAMPLER:	S					11114	JOB #:
			nient	Ambient	PE:	SAMPLE TYPE:	S.			ing	Monitor	Perimeter Monitoring	AREA:
			2015	5/8/2015	IVED:	DATE RECEIVED:	D			Park	emente	Γ NAME: Roberto Clemente Park	PROJECT NAME:
			2015	5/8/2015	ATE:	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:

 8 T9

9:32 11:36

11:32 13:36

120 120

10 10

1200 1200

0 0

0 0

0 0

0 0

.0043 .0043

<.0043 <.0043

Northeast Perimeter Southeast Perimeter

Date Analyzed: 5/12/2015

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. Government.

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

		0	0	0		0						Blank	Sealed Blank	T17
<.0043	.0043	0	0	0		0	1200	10	120	13:43	11:43	East Perimeter	East Pe	T16
<.0043	.0043	0	0	0		0	1200	10	120	13:43	11:43	East Perimeter	East Pe	T15
<.0043	.0043	0	0	0		0	1200	10	120	13:41	11:41	Northwest Perimeter	Northw	T14
<.0043	.0043	0	0	0		0	1200	10	120	13:41	11:41	Northwest Perimeter	Northw	T13
<.0043	.0043	0	0	0		0	1200	10	120	13:38	11:38	North Perimeter	North I	T12
<.0043	.0043	0	0	0		0	1200	10	120	13:38	11:38	North Perimeter	North I	T11
<.0043	.0043	0	0	0		0	1200	10	120	13:36	11:36	Northeast Perimeter	Northe	T10
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 #
			50	13450		CUSTODY #:	C					2 of 2	#:	PAGE #:
			Edik Ivans	Edik		SAMPLER:	S ₁					11114		JOB #:
			Ambient	Aml	PE:	SAMPLE TYPE:	S ₁			ing	Aonitor	Perimeter Monitoring	· -	AREA:
			2015	5/8/2015	IVED:	DATE RECEIVED	D.			Park	emente	ME: Roberto Clemente Park	PROJECT NAME:	PROJE
			2015	5/8/2015	TE:	SAMPLE DATE:	S,				lip	Town of Islip	T:	CLIENT:

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

Analyzed by:

T18

Opened Field Blank

Date Analyzed: 5/12/2015

0

0

0

0

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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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

<.0043	.0043	0	0	0		0	1200	10	120	11:14	9:14	East Perimeter	Т6 І
<.0043	.0043	0	0	0		0	1200	10	120	11:14	9:14	East Perimeter	T5 I
<.0043	.0043	0	0	0		0	1200	10	120	11:11	9:11	Northeast Perimeter	T4 N
<.0043	.0043	0	0	0		0	1200	10	120	11:11	9:11	Northeast Perimeter	T3 1
<.0043	.0043	0	0	0		0	1200	10	120	11:09	9:09	North Perimeter	T2 1
<.0043	.0043	0	0	0		0	1200	10	120	11:09	9:09	North Perimeter	T1 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 #
			32	13482	.:-	CUSTODY #:	C					1 of 2	PAGE #:
			Edik Ivans	Edik		SAMPLER:	S.					11114	JOB #:
			nient	Ambient	PE:	SAMPLE TYPE:	S			ing	Ionitor	Perimeter Monitoring	AREA:
			5/13/2015	5/13	IVED:	DATE RECEIVED:	D			Park	emente	NAME: Roberto Clemente Park	PROJECT NAME:
			5/13/2015	5/13	VIE:	SAMPLE DATE:	S _z				jp	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:

 8 T7

Southeast Perimeter

T9

Northwest Perimeter Southeast Perimeter

11:21 9:17 9:17

13:21

11:17 11:17

120 120

> 10 10

1200 1200

10

1200

0 0 0

0 0 0

0 0 0

0 0 0

.0043 .0043

<.0043

.0043

<.0043 <.0043

120

Date Analyzed: 5/14/2015

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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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

0 0			0	0		0						Opened Field Blank	
0 0	0		0		\neg	0	0071	ŀ	110	10.20	11.10	aled Blank	
0 0 0 .0043	0		0			0	1200	10	120	13:28	11:28	South Perimeter	T16 So
0 0 0 .0043	0		0			0	1200	10	120	13:28	11:28	South Perimeter	T15 So
0 0 0 .0043	0		0			0	1200	10	120	13:25	11:25	Southwest Perimeter	T14 So
0 0 0 .0043	0		0			0	1200	10	120	13:25	11:25	Southwest Perimeter	T13 So
0 0 0 .0043	0		0			0	1200	10	120	13:23	11:23	West Perimeter	T12 W
0 0 0 .0043	0		0			0	1200	10	120	13:23	11:23	West Perimeter	T11 W
0 0 0 .0043	0		0			0	1200	10	120	13:21	11:21	Northwest Perimeter	T10 Nc
Type	# of # of structures structures > 5\mu > 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 #
: 13482					7	CUSTODY #:	C					2 of 2	PAGE #:
Edik Ivans	Edik Ivans	Edik Ivans	Edik			SAMPLER:	S.					11114	JOB #:
PE: Ambient				PE:		SAMPLE TYPE:	S			ing	1onitor	Perimeter Monitoring	AREA:
IVED: 5/13/2015				IVED:		DATE RECEIVED:	D			Park	mente	AME: Roberto Clemente Park	PROJECT NAME:
TE: 5/13/2015				TE:		SAMPLE DATE:	S.				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: 5/14/2015

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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 40 CFR 763.

A result of zero structures per square millimeter is only applicable to the area analyzed. Test results only reflect conditions at the time the samples were taken.

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

CLIENT:		Town of Islip					S.	SAMPLE DATE:	NTE:	5/20.	5/20/2015			
PROJEC	PROJECT NAME: Robe	Roberto Clemente Park	nte Pa	rk			D,	DATE RECEIVED:	IVED:	5/20.	5/20/2015			
AREA:	Perin	Perimeter Monitoring	itoring	04			S,	SAMPLE TYPE:	PE:	Ambient	ient			
JOB#:	11114	+					S,	SAMPLER:		Edik	Edik Ivans			
PAGE#:	1 of 2						CI	CUSTODY #:		13523	ಭ			
Sample #	Sample Location	St	Start E	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
T1	North Perimeter	9:25		11:25	120	10	1200	0		0	0	0	.0043	<.0043
T2	North Perimeter	9:25	\vdash	11:25	120	10	1200	0		0	0	0	.0043	<.0043
T3	Northeast Perimeter	9:28		11:28	120	10	1200	0		0	0	0	.0043	<.0043
T4	Northeast Perimeter	9:28		11:28	120	10	1200	0		0	0	0	.0043	<.0043
T5	East Perimeter	9:	9:32	11:32	120	10	1200	0		0	0	0	.0043	<.0043
Т6	East Perimeter	9:	9:32	11:32	120	10	1200	0		0	0	0	.0043	<.0043
T7	Southeast Perimeter	9:	9:35	11:35	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:

 8 T9

Northwest Perimeter Southeast Perimeter

11:40 9:35

13:40 11:35

120 120

10 10

1200 1200

0 0

0 0

0 0

0 0

.0043 .0043

<.0043 <.0043

Date Analyzed: 5/26/2015

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).

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

		0	0	0		0						Sealed Blank	T17 S
<.0043	.0043	0	0	0		0	1200	10	120	13:48	11:48	South Perimeter	T16 S
<.0043	.0043	0	0	0		0	1200	10	120	13:48	11:48	South Perimeter	T15 S
<.0043	.0043	0	0	0		0	1200	10	120	13:45	11:45	Southwest Perimeter	T14 S
<.0043	.0043	0	0	0		0	1200	10	120	13:45	11:45	Southwest Perimeter	T13 S
<.0043	.0043	0	0	0		0	1200	10	120	13:42	11:42	West Perimeter	T12 W
<.0043	.0043	0	0	0		0	1200	10	120	13:42	11:42	West Perimeter	T11 W
<.0043	.0043	0	0	0		0	1200	10	120	13:40	11:40	Northwest Perimeter	T10 N
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 #
			23	13523	•••	CUSTODY #:	C					2 of 2	PAGE#:
			Edik Ivans	Edik		SAMPLER:	S ₂					11114	JOB #:
			Ambient	Amt	PE:	SAMPLE TYPE:	S.			ing	Ionitor	Perimeter Monitoring	AREA:
			5/20/2015	5/20	IVED:	DATE RECEIVED:	D			Park	mente	NAME: Roberto Clemente Park	PROJECT NAME:
			5/20/2015	5/20	TE:	SAMPLE DATE:	S.				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:

T18

Opened Field Blank

Date Analyzed: <u>5/26/2015</u>

0

0

0

0

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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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

7 IWA	6 IWA	5 IWA	4 IWA	3 IWA	2 IWA	1 IWA	Sample #	PAGE #:	JOB #:	AREA:	PROJECT NAME:	CLIENT:
South 1	Northwest 2	Northwest 1	East 2	East 1	Southeast 2	Southeast 1	Sample Location				NAME:	
							ocation	1 of 2	11114	Perimeter Monitoring	Roberto Clemente Park	Town of Islip
9:26	9:25	9:24	9:23	9:22	9:21	9:20	Start			[onitori	mente	þ
11:26	11:25	11:24	11:23	11:22	11:21	11:20	End			ng	Park	
120	120	120	120	120	120	120	Run Time Minutes					
10	10	10	10	10	10	10	Flow Rate Average					
1200	1200	1200	1200	1200	1200	1200	Volume Liters	CI	S,	S_{I}	D	S.
0	0	0	0	0	0	0	Total Asbestos Structures	CUSTODY #:	SAMPLER:	SAMPLE TYPE:	DATE RECEIVE	SAMPLE DATE:
							Туре	<i>t</i> :		PE:	IVED:	ATE:
0	0	0	0	0	0	0	# of structures > 5µ	13553	Barc	Ambient	5/27	5/27
0	0	0	0	0	0	0	# of structures >0.5µ <5µ	53	Barone/Neuschwender	pient	5/27/2015	5/27/2015
0	0	0	0	0	0	0	Filter Conc. S/mm ²		wender			
.0043	.0043	.0043	.0043	.0043	.0043	.0043	Sensitivity Air Conc. S/cc S/cc					
<.0043	<.0043	<.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:

8 IWA 9 IWA

South 2 Southeast 1

11:20 9:27

13:2011:27

120 120

10 10

1200 1200

0 0

0 0

0 0

.0043 .0043

<.0043 <.0043

0 0

Date Analyzed: 5/28/2015

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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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

A result of zero structures per square millimeter is only applicable to the area analyzed. Test results only reflect conditions at the time the samples were taken.

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

0 0 0 0043	0 0	+	0			0	1200	10	120	13:27	11:27	Blank sealed	17 Bla
0 0	0		0			0	1200	10	120	13:26	11:26	South 1	
0 0 0 .0043	0		0			0	1200	10	120	13:25	11:25	Northwest 2	14 IWA No:
0 0 0 .0043	0		0			0	1200	10	120	13:24	11:24	Northwest 1	13 IWA No
0 0 0 .0043		0 0	0			0	1200	10	120	13:23	11:23	t 2	12 IWA East 2
0 0 0 .0043	0		0			0	1200	10	120	13:22	11:22	t 1	11 IWA East 1
0 0 0 .0043	0		0			0	1200	10	120	13:21	11:21	Southeast 2	10 IWA Sou
Type $\begin{array}{c ccccccccccccccccccccccccccccccccccc$		# of structures > 5µ		Туре	1 1	Total Asbestos Structures	Volume Liters	Flow Rate Average	Run Time Minutes	End	Start	Sample Location	Sample #
: 13553						CUSTODY #:	CI					2 of 2	PAGE #:
Barone/Neuschwender	Barone/Neuschwender	Barone/Neusch	Barc			SAMPLER:	S,					11114	JOB #:
PE: Ambient				PE:		SAMPLE TYPE:	S,			ing	Ionitori	Perimeter Monitoring	AREA:
IVED: 5/27/2015				IVED:		DATE RECEIVED:	D.			Park	mente	AME: Roberto Clemente Park	PROJECT NAME:
TE: 5/27/2015				TE:		SAMPLE DATE:	S/				₽.	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:

18

Blank inside

Date Analyzed: 5/28/2015

0

0

0

0

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