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PRINCIPALS

J. DRISCOLL B. GALLAGHER T. KLUENDER G. NEUSCHWENDER E.DETWEILER E.IVANS R.KLUENDER G.MENEGIO J.SPILLETT

March 9, 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 three sample dates in February. The first week in February sampling was cancelled to due to inaccessibility. Please feel free to call me with any questions.

Sincerely,

Glenn Neuschwender

Grenn Quall

President

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

T7 IWA	T6 IWA	T5 IWA	T4 IWA	T3 IWA	T2 IW	T1 IWA	Sample #	PAGE #:	JOB #:	AREA:	PROJECT NAME:	CLIENT:
Southeast Perimeter	East Perimeter	East Perimeter	Northeast Perimeter	Northeast Perimeter	North Perimeter	North Perimeter	Sample Location				[NAME:	
							ation	1 of 2	11114	Perimeter Monitoring	Roberto Clemente Park	Town of Islip
9:37	9:33	9:33	9:29	9:29	9:25	9:25	Start			1onitor	mente	di.
11:37	11:33	11:33	11:29	11:29	11:25	11:25	End			ing	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	C	S.	S	D	S.
0	0	0	0	0	0	0	Total Asbestos Structures	CUSTODY #:	SAMPLER:	SAMPLE TYPE:	DATE RECEIVED:	SAMPLE DATE:
							Type	<i>t</i> :		PE:	IVED:	TE:
0	0	0	0	0	0	0	# of structures > 5µ	12798	Edik	Aml	2/11	2/11
0	0	0	0	0	0	0	# of structures >0.5µ <5µ)% 	Edik Ivans	Ambient	2/11/2015	2/11/2015
0	0	0	0	0	0	0	Filter Conc. S/mm ²					
.0043	.0043	.0043	.0043	.0043	.0043	.0043	Sensitivity 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:

T9 IWA T8 IWA

Northwest Perimeter Southeast Perimeter

11:45 9:37 9:37

13:45 11:37

120

10 10 10

1200 1200

0

0 0 0

0

0 0

0 0

.0043 .0043

<.0043 <.0043

.0043

120 120

0 0

Date Analyzed: 2/13/2015

Samples were analyzed using Philips 400T Transmission Electron Microscope. Ashestos 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.

concentration. 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

T16 IWA So	T15 IWA So	t14 IWA So	T13 IWA So	T12 IWA W	T11 IWA W	T10 IWA N	Sample #	PAGE #:	JOB #:	AREA:	PROJECT NAME:	CLIENT:
South Perimeter	South Perimeter	Southwest Perimeter	Southwest Perimeter	West Perimeter	West Perimeter	Northwest Perimeter	Sample Location				NAME:	
							ıtion	2 of 2	11114	Perimeter Monitoring	Roberto Clemente Park	Town of Islip
11:57	11:57	11:53	11:53	11:48	11:48	11:45	Start			[onitori	mente	p
13:57	13:57	13:53	13:53	13:48	13:48	13:45	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	С	S/	S.	D	S/
0	0	0	0	0	0	0	Total Asbestos Structures	CUSTODY #:	SAMPLER:	SAMPLE TYPE:	DATE RECEIVED:	SAMPLE DATE:
							Туре			PE:	IVED:	ATE:
0	0	0	0	0	0	0	# of structures > 5µ	12798	Edik	Ambient	2/11	2/11
0	0	0	0	0	0	0	# of structures >0.5µ <5µ) ×	Edik Ivans	pient	2/11/2015	2/11/2015
0	0	0	0	0	0	0	Filter Conc. S/mm ²					
.0043	.0043	.0043	.0043	.0043	.0043	.0043	Sensitivity 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:

T18 T17

Opened Field Blank Sealed Blank

Date Analyzed: 2/13/2015

0

0

0 0

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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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

CLIENT:	T NAME:	Town of Islip Roherto Clemente Park	nente	Park			J S	SAMPLE DATE: DATE RECEIVED:	TVED.	2/20 2/20	2/20/2015			
1		•					2							
AREA:		Perimeter Monitoring	onitori	ng			S.	SAMPLE TYPE:	PE:	Amt	Ambient			
JOB#:		11114					S.	SAMPLER:		Edik	Edik Ivans			
PAGE #:		1 of 2					C	CUSTODY #:		12875	75			
Sample #	Sample Location		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 S/cc
T1 IWA	North Perimeter		9:25	11:25	120	10	1200	0		0	0	0	-	.0043
T2 IWA	North Perimeter		9:25	11:25	120	10	1200	0		0	0	0		.0043
T3 IWA	Northeast Perimeter		9:28	11:28	120	10	1200	0		0	0	0		.0043
T4 IWA	Northeast Perimeter		9:28	11:28	120	10	1200	0		0	0	0		.0043
T5 IWA	East Perimeter		9:31	11:31	120	10	1200	0		0	0	0		.0043
T6 IWA	East Perimeter		9:31	11:31	120	10	1200	0		0	0	0		.0043
T7 IWA	Southeast Perimeter		9:34	11:34	120	10	1200	0		0	0	0		.0043
T8 IWA	Southeast Perimeter		9:34	11:34	120	10	1200	0		0	0	0		.0043
T9 IWA	Northwest Perimeter		11:40	13:40	120	10	1200	0		0	0	0		.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: 2/24/2015

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.

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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

		0	0	0		0						Opened field Blank	Т18 Ор
		0	0	0		0						Sealed Blank	T17 Sea
<.0043	.0043	0	0	0		0	1200	10	120	13:49	11:49	South Perimeter	T16 IWA Sou
<.0043	.0043	0	0	0		0	1200	10	120	13:49	11:49	South Perimeter	T15 IWA Sou
<.0043	.0043	0	0	0		0	1200	10	120	13:46	11:46	Southwest Perimeter	T14 IWA Sou
<.0043	.0043	0	0	0		0	1200	10	120	13:46	11:46	Southwest Perimeter	T13 IWA Sou
<.0043	.0043	0	0	0		0	1200	10	120	13:43	11:43	West Perimeter	T12 IWA We
<.0043	.0043	0	0	0		0	1200	10	120	13:43	11:43	West Perimeter	T11 IWA We
<.0043	.0043	0	0	0		0	1200	10	120	13:40	11:40	Northwest Perimeter	T10 IWA No
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 #
			75	12875		CUSTODY #:	C					2 of 2	PAGE #:
			Edik Ivans	Edik		SAMPLER:	S					11114	JOB #:
			Ambient	Aml	PE:	SAMPLE TYPE:	S.			ing	f onitor	Perimeter Monitoring	AREA:
			2/20/2015	2/20	IVED:	DATE RECEIVEI	D			Park	mente	AME: Roberto Clemente Park	PROJECT NAME:
			2/20/2015	2/20	ΛTE:	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: 2/24/2015

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TEM AIR SAMPLE RESULTS

<.0043	.0043	0	0	0		0	1200	10	120	13:16 15:16	13:16	S perimeter	T09 IWA S
<.0042	.0042	0	0	0		0	1230	10	123	13:28	11:25	SE perimeter	T08 IWA S
<.0042	.0042	0	0	0		0	1240	10	124	13:28	11:24	SE perimeter	T07 IWA S
<.0043	.0043	0	0	0		0	1200	10	120	13:20	11:20	N perimeter	T06 IWA N
<.0043	.0043	0	0	0		0	1200	10	120	13:20	11:20	NW perimeter	T05 IWA N
<.0043	.0043	0	0	0		0	1200	10	120	13:19	11:19	NW perimeter	T04 IWA N
<.0043	.0043	0	0	0		0	1200	10	120	13:12	11:12	W perimeter	T03 IWA W
<.0043	.0043	0	0	0		0	1200	10	120	13:11	11:11	SW perimeter	T02 IWA S
<.0043	.0043	0	0	0		0	1200	10	120	13:10	11:10	SW perimeter	T01 IWA S
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 #
				12908		CUSIODY #:						7 10 1	PAUE #:
			ó	1200		# ACCES!!	3					1) 50	J ^ C I *
		ano	Driscoll / Africano	Drisc		SAMPLER:	S					11114	JOB #:
			vient	Ambient	PE:	SAMPLE TYPE:	S			ing	1onitor	Perimeter Monitoring	AREA:
			2/26/2015	2/26,	IVED:	DATE RECEIVE	D			Park	emente	NAME: Roberto Clemente Park	PROJECT NAME:
			2/25/2015	2/25,	TE:	SAMPLE DATE:	S				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: Charl 1. Ich

Date Analyzed: 3/4/2015

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TEM AIR SAMPLE RESULTS

TT/ Sea		T16 IWA East	T15 IWA East	T14 IWA NW	T13 IWA NW	T12 IWA N p	T11 IWA Cen	T10 IWA S pe	Sample #	PAGE #:	JOB #:	AREA:	PROJECT NAME:	CLIENT:
	Sealed blank	East perimeter	East perimeter	NW perimeter	NW perimeter	N perimeter	Center of park	S perimeter	Sample Location	2 of 2	11114	Perimeter Monitoring	AME: Roberto Clemente Park	Town of Islip
		13:32	13:31	13:25	13:24	13:23	13:17	13:16	Start			Monite	lement	[slip
		15:32	15:31	15:25	15:24	15:23	15:17	15:16	End			ring	e 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	Ω	S/	S/	D,	S./
	0	0	0	0	0	0	0	0	Total Asbestos Structures	CUSTODY #:	SAMPLER:	SAMPLE TYPE:	DATE RECEIVE	SAMPLE DATE:
									Туре	••		PE:	IVED:	TE:
	0	0	0	0	0	0	0	0	# of structures > 5µ	12908	Drise	Ambient	2/26,	2/25,
>	0	0	0	0	0	0	0	0	# of structures >0.5µ <5µ	∞̄	Driscoll / Africano	ient	2/26/2015	2/25/2015
	0	0	0	0	0	0	0	0	Filter Conc. S/mm ²		ano			
		.0043	.0043	.0043	.0043	.0043	.0043	.0043	Sensitivity 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:

Date Analyzed: 3/4/2015

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