

ENVIROSCIENCE CONSULTANTS, INC.

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

344 MAIN ST., SUITE 101 + MT. KISCO, NY 10549 + (914) 666-8933

ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

CLIENT:	Town of Islip	SAMPLE DATE:	5/9/2014
PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/9/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans, Robert Cardona, John Driscoll
PAGE #:	1 of 2	CUSTODY #:	10474

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
T1	Nicholas Fritz Field - north side	16:00	18:00	120	10	1200	0		0	0	0	.0043	<.0043
T2	North side of park by parking lot	16:03	18:03	120	10	1200	0		0	0	0	.0043	<.0043
T3	South East parking lot	16:08	18:08	120	10	1200	0		0	0	0	.0043	<.0043
T4	Main road by entrance to the park	16:11	18:11	120	10	1200	0		0	0	0	.0043	<.0043
T5	By the 1.3 ft pool - east side	16:16	18:16	120	10	1200	0		0	0	0	.0043	<.0043
T6	By the 2.5ft pool - east side	16:20	18:20	120	10	1200	0		0	0	0	.0043	<.0043
T7	North East side of the the park	16:25	18:25	120	10	1200	0		0	0	0	.0043	<.0043
T8	By the 4.5ft pool - north side	16:28	18:28	120	10	1200	0		0	0	0	.0043	<.0043
T9	Nicholas Fritz Field - south west side	18:08	20:08	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: 5/11/2014

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.

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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PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/9/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans, Robert Cardona, John Driscoll
PAGE #:	2 of 2	CUSTODY #:	10474

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
T10	South of basketball court	18:10	20:10	120	10	1200	0		0	0	0	.0043	<.0043
T11	By third base dugout area	18:15	20:15	120	10	1200	0		0	0	0	.0043	<.0043
T12	Left Field Foul Line	18:18	20:18	120	10	1200	0		0	0	0	.0043	<.0043
T13	West Perimeter - South Side	18:23	20:23	120	10	1200	0		0	0	0	.0043	<.0043
T14	West Perimeter - South Side	18:26	20:26	120	10	1200	0		0	0	0	.0043	<.0043
T15	Bottom of Recharge Basin	18:32	20:32	120	10	1200	0		0	0	0	.0043	<.0043
T16	Southwest corner of Recharge Basin	18:35	20:35	120	10	1200	0		0	0	0	.0043	<.0043
BK1	Field Blank						0		0	0			
BK2	Sealed Blank						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: 5/11/2014

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CLIENT:	Town of Islip	SAMPLE DATE:	5/14/2014
PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/14/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans
PAGE #:	1 of 2	CUSTODY #:	10491

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
A1 IWA	Northwest Perimeter	10:00	12:00	120	10	1200	0		0	0	0	.0043	<.0043
A2 IWA	Northwest Perimeter	10:00	12:00	120	10	1200	0		0	0	0	.0043	<.0043
A3 IWA	Southeast Perimeter	10:08	12:08	120	10	1200	0		0	0	0	.0043	<.0043
A4 IWA	Southeast Perimeter	10:08	12:08	120	10	1200	0		0	0	0	.0043	<.0043
A5 IWA	South Perimeter	10:13	12:13	120	10	1200	0		0	0	0	.0043	<.0043
A6 IWA	South Perimeter	10:13	12:13	120	10	1200	0		0	0	0	.0043	<.0043
A7 IWA	Northeast Perimeter	10:17	12:17	120	10	1200	0		0	0	0	.0043	<.0043
A8 IWA	Northeast Perimeter	10:17	12:17	120	10	1200	0		0	0	0	.0043	<.0043
A9 IWA	West Perimeter	12:05	14:05	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: 5/15/2014

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.

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TEM AIR SAMPLE RESULTS

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PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/14/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans
PAGE #:	2 of 2	CUSTODY #:	10491

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
A10 IWA	West Perimeter	12:05	14:05	120	10	1200	0		0	0	0	.0043	<.0043
A11 IWA	North Perimeter	12:09	14:09	120	10	1200	0		0	0	0	.0043	<.0043
A12 IWA	North Perimeter	12:09	14:09	120	10	1200	0		0	0	0	.0043	<.0043
A13 IWA	Southwest Perimeter	12:17	14:17	120	10	1200	0		0	0	0	.0043	<.0043
A14 IWA	Southwest Perimeter	12:17	14:17	120	10	1200	0		0	0	0	.0043	<.0043
A15 IWA	South Perimeter	12:23	14:23	120	10	1200	0		0	0	0	.0043	<.0043
A16 IWA	South Perimeter	12:23	14:23	120	10	1200	0		0	0	0	.0043	<.0043
A17	Sealed Blank												
A18	Opened Field Blank												

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

Analyzed by:



Date Analyzed: 5/15/2014

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TEM AIR SAMPLE RESULTS

CLIENT:	Town of Islip	SAMPLE DATE:	5/21/2014
PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/21/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans
PAGE #:	1 of 2	CUSTODY #:	10564

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
A1 IWA	Northwest Perimeter	9:10	11:10	120	10	1200	0		0	0	0	.0043	<.0043
A2 IWA	Northwest Perimeter	9:10	11:10	120	10	1200	0		0	0	0	.0043	<.0043
A3 IWA	Northeast Perimeter	9:15	11:15	120	10	1200	0		0	0	0	.0043	<.0043
A4 IWA	Northeast Perimeter	9:15	11:15	120	10	1200	0		0	0	0	.0043	<.0043
A5 IWA	Northeast Perimeter	9:20	11:20	120	10	1200	0		0	0	0	.0043	<.0043
A6 IWA	Northeast Perimeter	9:20	11:20	120	10	1200	0		0	0	0	.0043	<.0043
A7 IWA	Southeast Perimeter	9:25	11:25	120	10	1200	0		0	0	0	.0043	<.0043
A8 IWA	Southeast Perimeter	9:25	11:25	120	10	1200	0		0	0	0	.0043	<.0043
A9 IWA	Northwest Perimeter	11:28	13:38	130	10	1300	0		0	0	0	.004	<.004

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

Analyzed by:



Date Analyzed: 5/22/2014

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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TEM AIR SAMPLE RESULTS

CLIENT:	Town of Islip	SAMPLE DATE:	5/21/2014
PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/21/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans
PAGE #:	2 of 2	CUSTODY #:	10564

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
A10 IWA	Northwest Perimeter	11:28	13:38	130	10	1300	0		0	0	0	.004	<.004
A11 IWA	Southwest Perimeter	11:33	13:42	129	10	1290	0		0	0	0	.004	<.004
A12 IWA	Southwest Perimeter	11:33	13:42	129	10	1290	0		0	0	0	.004	<.004
A13 IWA	South Perimeter	11:37	13:45	128	10	1280	0		0	0	0	.004	<.004
A14 IWA	South Perimeter	11:37	13:45	128	10	1280	0		0	0	0	.004	<.004
A15 IWA	Southeast Perimeter	11:45	13:50	125	10	1250	0		0	0	0	.0041	<.0041
A16 IWA	Southeast Perimeter	11:45	13:50	125	10	1250	0		0	0	0	.0041	<.0041
A17	Sealed Blank												
A18	Opened Field Blank												

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

Analyzed by:



Date Analyzed: 5/22/2014

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TEM AIR SAMPLE RESULTS

CLIENT:	Town of Islip	SAMPLE DATE:	5/28/2014
PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/28/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans
PAGE #:	1 of 2	CUSTODY #:	10621

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
A1 IWA	Northwest Perimeter	9:01	11:01	120	10	1200	0		0	0	0	.0043	<.0043
A2 IWA	Northwest Perimeter	9:01	11:01	120	10	1200	0		0	0	0	.0043	<.0043
A3 IWA	Northeast Perimeter	9:06	11:06	120	10	1200	0		0	0	0	.0043	<.0043
A4 IWA	Northeast Perimeter	9:06	11:06	120	10	1200	0		0	0	0	.0043	<.0043
A5 IWA	East Perimeter	9:13	11:13	120	10	1200	0		0	0	0	.0043	<.0043
A6 IWA	East Perimeter	9:13	11:13	120	10	1200	0		0	0	0	.0043	<.0043
A7 IWA	Southeast Perimeter	9:20	11:20	120	10	1200	0		0	0	0	.0043	<.0043
A8 IWA	Southeast Perimeter	9:20	11:20	120	10	1200	0		0	0	0	.0043	<.0043
A9 IWA	West Perimeter	11:25	13:25	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: 5/29/2014

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

CLIENT:	Town of Islip	SAMPLE DATE:	5/28/2014
PROJECT NAME:	Roberto Clemente Park	DATE RECEIVED:	5/28/2014
AREA:	Perimeter Monitoring	SAMPLE TYPE:	Ambient
JOB #:	11114	SAMPLER:	Edik Ivans
PAGE #:	2 of 2	CUSTODY #:	10621

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5μ	# of structures >0.5μ <5μ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
A10 IWA	West Perimeter	11:25	13:25	120	10	1200	0		0	0	0	.0043	<.0043
A11 IWA	Southwest Perimeter	11:30	13:30	120	10	1200	0		0	0	0	.0043	<.0043
A12 IWA	Southwest Perimeter	11:30	13:30	120	10	1200	0		0	0	0	.0043	<.0043
A13 IWA	South Perimeter	11:36	13:36	120	10	1200	0		0	0	0	.0043	<.0043
A14 IWA	South Perimeter	11:36	13:36	120	10	1200	0		0	0	0	.0043	<.0043
A15 IWA	Southeast Perimeter	11:41	13:41	120	10	1200	0		0	0	0	.0043	<.0043
A16 IWA	Southeast Perimeter	11:41	13:41	120	10	1200	0		0	0	0	.0043	<.0043
A17	Field Blank												
A18	Opened Field blank												

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

Analyzed by:



Date Analyzed: 5/29/2014

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