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July 29, 2015

Inez K. Birbiglia
Deputy Commissioner
Town of Islip Parks, Recreation and Cultural Affairs
50 Irish Lane
East Islip, NY 11730

Re: Roberto Clemente Park

Dear Ms. Birbiglia:

Introduction

On July 9, 2015, Enviroscience Consultants, Inc. obtained three confirmatory soil endpoint samples from the northernmost portion of the former soccer fields. This letter serves as a summary of the methods and results for the endpoint samples, which will be discussed in detail in our Removal Action Report (RAR) that will be submitted at the completion of the removal action.

Methods

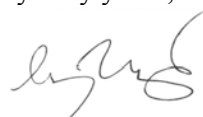
The endpoint samples were collected in accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Material Removal Work Plan from the remaining surface soil after the removal of contaminated fill. The purpose of the endpoints samples is to evaluate the effectiveness of the removal action, which is currently being performed at Roberto Clemente Park by the Town's contractor. Representatives from the Town and the NYSDEC were present during this evaluation. The samples were analyzed by a certified laboratory for NYSDEC Part 375 volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) metals, pesticides, an herbicide, and PCBs, along with a inspection for asbestos containing materials.

Results & Discussion

To evaluate the effectiveness of the removal action, the confirmatory endpoint sample results were compared to the NYSDEC Part 375 Residential Use Soil Cleanup Objectives, which is intended for use at residential properties to be protective of the community and the environment. Table 1 summarizes the results. Based on this comparison, all of the results were acceptable and demonstrate that the material removal plan is effectively removing the contaminated fill from the Park.

If there are any questions, please contact me.

Very truly yours,



Greg Menegio
Department Manager/Sr. Scientist

Confirmatory Soil Endpoint Sample Results Summary
Roberto Clemente Park
400 Broadway, Brentwood, NY

Sample Location (coordinates)	Endpoint 1 (N 40°46'18.786" W73°13'46.3656")	Endpoint 2 (N 40°46'18.8292" W73°13'45.3864")	Endpoint 3 (N40°46'18.6528" W73°13'44.7204")	NYSDEC Part 375 Residential Use Soil Cleanup Objectives
<i>Volatile Organic Compounds (in micrograms per kilogram)</i>				
Methylene Chloride	28	21	27	51,000
<i>Semi-Volatile Organic Compounds (in micrograms per kilogram)</i>				
Benzo(a)anthracene	50.1 J	129	ND	1,000
Benzo(a)pyrene	ND	84.9 J	ND	1,000
Benzo(b)fluoranthene	ND	84.9 J	ND	1,000
Benzo(k)fluoranthene	ND	80.0 J	ND	1,000
Chrysene	ND	130	ND	1,000
Fluoranthene	75.2 J	234	ND	100,000
Phenanthrene	ND	137	ND	100,000
Pyrene	72.4 J	236	ND	100,000
<i>Pesticides (in micrograms per kilogram)</i>				
4,4'-DDT	ND	24.0	7.95	1,700
alpha-Chlordane	9.10	10.3	4.99	910
<i>Metals (in milligrams per kilogram)</i>				
Arsenic	ND	2.40	1.43	16
Barium	12.1	47.1	17.0	350
Chromium	5.13	16.2	8.14	36
Copper	5.19	15.1	4.85	270
Lead	46.2	22.6	18.3	400
Manganese	104	293	114	2,000
Mercury	ND	0.0476	ND	0.81
Nickel	4.28	14.0	6.24	140
Selenium	ND	2.29	1.18	36
Zinc	23.8	39.5	19.6	2,200

Notes:

Only detected compounds and metals are summarized in this table.

ND = not detected

J = estimated concentration