

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA FAX AND EMAIL

August 16, 2006

Mr. Peter Schramel
Suffolk County Department of Health Services
15 Horseblock Place
Farmingville, NY 11738

Re: **LP-8 and LP-9 Leaching Pool Sampling Results**
1735 Express Drive North
Hauppauge, New York
FPM File No. 894-06-01

Dear Peter:

FPM Group (FPM) has performed additional remediation at LP-8 and LP-9 to remove impacted materials detected by previous sampling. Following the removal of the impacted materials, endpoint sampling was conducted and the results are documented herein. Waste manifests documenting disposal of the removed materials will be provided at a later date.

LP-8

Initial characterization sampling and an initial post-remediation sample identified chrysene at a concentration above its Suffolk County Department of Health Services (SCDHS) Action Level and Cleanup Objective at LP-8. On August 9, 2006 an additional two feet of sediment were removed using a vacuum truck and the remaining materials were sampled and analyzed for chrysene. The results of the second post-remediation sample indicate chrysene has been remediated to below its SCDHS Cleanup Objective. The results are summarized in Table 1 and the laboratory report is attached for your review. Based on these data, it is recommended that no further soil removal be required.

LP-9

Prior sampling of soil beneath this catch basin structure identified several SVOCs above SCDHS Action Levels. This structure had also been noted to have a hole within its concrete bottom. On August 9, 2006 the bottom of this structure was removed and approximately three feet of underlying soil were removed. The remaining soil was then resampled. The post-remediation sampling results indicated that all SVOCs were below the SCDHS Cleanup Objectives, except for chrysene which was noted to only slightly exceed the Objective. The

results are summarized in Table 1 and the laboratory report is attached for your review. Based on these data, it is recommended that no further soil removal be required.

Please confirm that the SCDHS concurs with the above-described recommendations or provide your comments. If you have any questions, please contact me at 737-6200, ext. 228.

Very truly yours,



Stephanie O. Davis
Senior Hydrogeologist
Department Manager

BTC/SOD:tac
Attachments

cc: James Maggio
James Ray, Esq.

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YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Stephanie Davis

Report Date: 8/14/2006
Re: Client Project ID: Maggio/894-06-01
York Project No.: 06080323

CT License No. PH-0723

New York License No. 10854



Report Date: 8/14/2006
 Client Project ID: Maggio/894-06-01
 York Project No.: 06080323

FPM Group
 909 Marconi Avenue
 Ronkonkoma, New York 11779
 Attention: Stephanie Davis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 08/10/06. The project was identified as your project "Maggio/894-06-01".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			LP-8 (24-24.5)		LP-9 (6-6.5)	
York Sample ID			06080323-01		06080323-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles-Suff.Co. App.A	SW 846-8270	ug/kg	---	---	---	---
Acenaphthene					Not detected	165
Anthracene					Not detected	165
Benzo(a)anthracene					300	165
Benzo(a)pyrene					280	165
Benzo(b)fluoranthene					340	165
Benzo(g,h,i)perylene					Not detected	165
Benzo(k)fluoranthene					330	165
Chrysene					420	165
Dibenz(a,h)anthracene					Not detected	165
Fluoranthene					700	165
Fluorene					Not detected	165
Indeno(1,2,3-cd)pyrene					170	165
Phenanthrene					280	165
Pyrene					520	165
Chrysene	SW846-8270	ug/kg	220	165	---	---

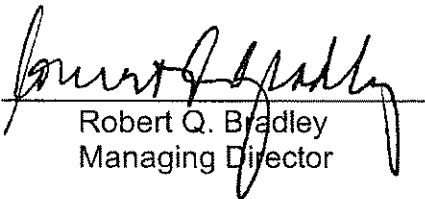
Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

YORK

Report Date: 8/14/2006
Client Project ID: Maggio/894-06-01
York Project No.: 06080323

Notes for York Project No. 06080323

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: 
Robert Q. Bradley
Managing Director

Date: 8/14/2006

YORK

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Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AD04131

14-Aug-06

Client: FPM Group

Analysis Name: **Base Neutral fraction QC -SOILS**
Unit of Measure: ug/kg

Batch Name: \$BNS-20706

QA Sample #: AD04131
York's Sample ID: 06080323-02

Parameter	LCS(%)	Unspiked Result	Blank	Amount	Matrix Spike		Spike Duplicate		
					Result	Recovery, %	Duplicate	Recovery, %	Precision, RPD
Pyrene	45	Not detected	Not detected	100	46	46.0	44	44.000	4.4
N-Nitroso-di-n-propyl	42	Not detected	Not detected	100	42	42.0	41	41.000	2.4
Acenaphthene	38	Not detected	Not detected	100	38	38.0	38	38.000	0.0
2,4-Dinitrotoluene	39	Not detected	Not detected	100	39	39.0	39	39.000	0.0
1,4-Dichlorobenzene	26	Not detected	Not detected	100	27	27.0	25	25.000	7.7
1,2,4-Trichlorobenze	33	Not detected	Not detected	100	33	33.0	32	32.000	3.1

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ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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Company Name <u>FPM</u>	Report To: <u>STEPHANIE DACKS</u>	Invoice To: <u>FPM</u>	Project ID/No. <u>MA9910 / 894-06-01</u>	Samples Collected By (Signature) <u>[Signature]</u>	Name (Printed) <u>PAUL CAUCHEMI</u>
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Sample No.	Location/ID	Date Sampled	Sample Matrix			ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air		
	<u>LP-8 (24-24.5)</u>	<u>8/9/06</u>		<u>X</u>		<u>CHRYSENE ONLY</u>	<u>1-402</u>
	<u>LP-9 (6-6.5)</u>	<u>8/9/06</u>		<u>X</u>		<u>SCDHS LIST SOACS</u>	<u>1-402</u>

Chain-of-Custody Record	
Bottles Relinquished from Lab by <u>[Signature]</u>	Date/Time <u>8/9/06</u>
Bottles Relinquished in Field by <u>[Signature]</u>	Date/Time <u>8/9/06</u>
Sample Relinquished by <u>[Signature]</u>	Date/Time <u>8/9/06</u>
Sample Received in LAB by <u>[Signature]</u>	Date/Time <u>8/9/06</u>
Turn-Around Time <input type="checkbox"/> Standard <input checked="" type="checkbox"/> RUSH(define) <u>48hrs</u>	
Comments/Special Instructions	