

APPENDIX G

**REMEDIATION SYSTEM MONITORING
INFORMATION**

System Check List
90-30 Metropolitan Avenue
Rego Park, NY

8/23/07

STOP

NOT a static electric issue

SHALLOW AS		
Well No.	SCFM Flow Rate	PSI Pressure
5	3	17
3	0	20
1	10	0
2	10	10
4	14	12
12	14	10
10	10	10
9	0	21
6	5	16
7	0	18
8	0	20

INTERMEDIATE AS		
Well No.	SCFM Flow Rate	PSI Pressure
13	10	14.5
1	0	20
4	0	18
11	6	15
5	0	19
9	10	14
6 & PI	12	16
7	3	15
8	6	15

DEEP AS		
Well No.	SCFM Flow Rate	PSI Pressure
1		
7		
8		

AS Compressors			
	Shallow	Intermediate	Deep
Temp.	84	85	-
Pressure	20	22	-

SVE								
Well No.		4	3	2	1	6	7	5
Vacuum	(in. of H2O)	42	35	40	35	40	30	32

SVE	(in. of H2O)	Blower (P)	Differential (Δ P)	Filter		Temperature (T) °F
				before	after	
		54	2	45	44	285

Flowrate (SCFM) = 3292.128 X sqrt [(P X Δ P) / (T + 460)]

~ 1470 SCFM

09/14/07

System Check List
90-30 Metropolitan Avenue
Rego Park, NY

SHALLOW AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
5	5	17.5
3	0	20
1	5	20
2	5	10
4	5	12
12	12	10
10	10	10
9	0	21
6	10	16
7	0	18
8	0	20

INTERMEDIATE AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
13	6	15
1	3	19
4	3	17
11	4	16
5	0	18.5
9	10	14
6 & PI	4	17.5
7	6	16
8	5	16

DEEP AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
1	15	34
7	16	31
8	15	33

AS Compressors			
	Shallow	Intermediate	Deep
Temp.	118	90	90
Pressure	118	20	36

SVE								
Well No.		4	3	2	1	6	7	5
Vacuum	(in. of H2O)	34	34	40	35	40	33	34

SVE	(in. of H2O)	Blower (P)	Differential (Δ P)	Filter		Temperature (T) °F
				before	after	
		56	2	45	44	97

Flowrate (SCFM) = $3292.128 \times \sqrt{(P \times \Delta P) / (T + 460)}$ 2,400 SCFM

System Check List
90-30 Metropolitan Avenue
Rego Park, NY

09/18/07

SHALLOW AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
5	0	20
3	0	20
1	3	0
2	9	18
4	10	11
12	10	15
10	10	11
9	0	20
6	5	20
7	0	20
8	0	21

INTERMEDIATE AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
13	9	15
1	3	20
4	0	18
11	5	15
5	0	17.5
9	10	15
6 & PI	4	19
7	0	15
8	6	16

DEEP AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
1	16	33
7	16	34
8	10	34

AS Compressors			
	Shallow	Intermediate	Deep
Temp.			
Pressure			

SVE								
Well No.		4	3	2	1	6	7	5
Vacuum	(in. of H2O)							

SVE	(in. of H2O)	Blower (P)	Differential (Δ P)	Filter		Temperature (T) °F
				before	after	
		60	2	45	44	90

$$\text{Flowrate (SCFM)} = 3292.128 \times \sqrt{(P \times \Delta P) / (T + 460)}$$

1537 SCFM.

10/7/07

System Check List
90-30 Metropolitan Avenue
Rego Park, NY

SHALLOW AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
5	4	17
3	0	20
1	9	1
2	11	5.5
4	14	6.5
12	14	6.5
10	9	10
9	0	19.5
6	6	17
7	0	17.5
8	0	19.5

INTERMEDIATE AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
13	8	16
1	5	18
4	3	19
11	5	17
5	0	20
9	8	15
6 & PI	5	18
7	5	17
8	5	17

DEEP AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
1	10	35
7	10	35
8	10	33

AS Compressors			
	Shallow	Intermediate	Deep
Temp.	90	80	90
Pressure	20	21	35

SVE								
Well No.		4	3	2	1	6	7	5
Vacuum	(in. of H2O)	44	32	40	35	40	32	38

SVE	(in. of H2O)	Blower (P)	Differential (Δ P)	Filter		Temperature (T) °F
				before	after	
		52	1.95	45	46	94

Flowrate (SCFM) = 3292.128 X sqrt [(P X Δ P) / (T + 460)]

2 / 400 scfm

11/20/07

**System Check List
90-30 Metropolitan Avenue
Rego Park, NY**

SHALLOW AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
5	3	20
3	2	22
1	5	0?
2	5	15
4	6	16
12	10	11
10	4	10
9	2	21
6	8	15
7	0	21
8	0	20

INTERMEDIATE AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
13	8	16
1	5	18
4	3	19
11	5	17
5	0	20
9	8	15
6 & PI	5	18
7	5	17
8	5	17

DEEP AS		
	SCFM	PSI
Well No.	Flow Rate	Pressure
1	10	35
7	10	35
8	10	33

AS Compressors			
	Shallow	Intermediate	Deep
Temp.	90	80	70
Pressure	21	30	35

SVE								
Well No.		4	3	2	1	6	7	5
Vacuum	(in. of H2O)	38	48	46	40	40	35	30

SVE	(in. of H2O)	Blower (P)	Differential (Δ P)	Filter		Temperature (T) °F
				before	after	
		62	1.95	50	52	NA

$$\text{Flowrate (SCFM)} = 3292.128 \times \text{sqrt} [(P \times \Delta P) / (T + 460)]$$

12/10/07

System Check List
90-30 Metropolitan Avenue
Rego Park, NY

SHALLOW AS		
Well No.	SCFM Flow Rate	PSI Pressure
5	3	26
3	3	21
1	5-3	1
2	5	15
4	5	17
12	10	12
10	4	14
9	2	21
6	7	15
7	3	20
8	0	20

INTERMEDIATE AS		
Well No.	SCFM Flow Rate	PSI Pressure
13	9	16
1	5	20
4	3	18
11	5	19
5	0	21
9	8	18
6 & PI	5	18
7	4	17
8	5	19

DEEP AS		
Well No.	SCFM Flow Rate	PSI Pressure
1	10	35
7	0	35
8	10	35

AS Compressors			
	Shallow	Intermediate	Deep
Temp.	90	85	90
Pressure	22	21	36

SVE								
Well No.		4	3	2	1	6	7	5
Vacuum	(in. of H2O)	39	47	47	46	90	35	30

SVE	(in. of H2O)	Blower (P)	Differential (Δ P)	Filter		Temperature (T) °F
				before	after	
		63	1.95	52	50	95

Flowrate (SCFM) = 3292.128 X sqrt [(P X Δ P) / (T + 460)]

2 1550 SCFM

1/9/08

System Check List
90-30 Metropolitan Avenue
Rego Park, NY

SHALLOW AS		
Well No.	SCFM Flow Rate	PSI Pressure
5	3	19.5
3	3	22
1	4	5
2	8	21
4	6	16
12	10	13
10	4	11
9	3	22
6	3	21
7	3	23
8		

off close to look

INTERMEDIATE AS		
Well No.	SCFM Flow Rate	PSI Pressure
13	5	17.5
1	6	18
4	3	19.5
11	4	19
5	5	20
9	10	15
6 & PI	5	17
7	4	19
8	5	19

DEEP AS		
Well No.	SCFM Flow Rate	PSI Pressure
1	15	33
7	15	33
8	14.5	35

AS Compressors			
	Shallow	Intermediate	Deep
Temp.	70	70	80
Pressure	21	19.5	32

SVE								
Well No.		4	3	2	1	6	7	5
Vacuum (in. of H2O)		50	40	48	40	35	34	20

SVE	(in. of H2O)	Blower (P)	Differential (Δ P)	Filter		Temperature (T) °F
				before	after	
		66	1.95	52	50	190

Flowrate (SCFM) = $3292.128 \times \sqrt{(P \times \Delta P) / (T + 460)}$ ~ 1600 SCFM

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

**FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi**

Report Date: 9/5/2007
Re: Client Project ID: Metro/788-05-07
York Project No.: 07080900

CT License No. PH-0723

New Jersey License No. CT-005

New York License No. 10854



Report Date: 9/5/2007
Client Project ID: Metro/788-05-07
York Project No.: 07080900

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

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 08/28/07. The project was identified as your project "Metro/788-05-07".

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			Effluent	
York Sample ID			07080900-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
Volatiles, TO-14 List	EPA TO-14A	ppbv	---	---
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloropropane			Not detected	10
1,2-Dichlorotetrafluoroethane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,4-Dichlorobenzene			Not detected	10
3-Chloropropene			Not detected	10

YORK

Client Sample ID			Effluent	
York Sample ID			07080900-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
4-Ethyltoluene			Not detected	10
Benzene			Not detected	10
Benzyl Chloride			Not detected	10
Bromomethane			Not detected	10
Carbon Tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,2-Dichloroethylene			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Freon-113			Not detected	10
Hexachloro-1,3-Butadiene			Not detected	10
Methylene Chloride			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
Styrene			Not detected	10
Tetrachloroethylene			1300	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl Chloride			Not detected	10
Volatiles, TO-14 List	EPA TO14A	ug/cu.m.	---	---
1,1,1-Trichloroethane			Not detected	55.5
1,1,2,2-tetrachloroethane			Not detected	70.0
1,1,2-Trichloroethane			Not detected	55.5
1,1-Dichloroethane			Not detected	41.0
1,1-Dichloroethylene			Not detected	40.5
1,2,4-Trichlorobenzene			Not detected	83.0
1,2,4-Trimethylbenzene			Not detected	50.0
1,2-Dibromoethane			Not detected	78.0
1,2-Dichlorobenzene			Not detected	60.0
1,2-Dichloroethane			Not detected	41.0
1,2-Dichloropropane			Not detected	47.0
1,2-Dichlorotetrafluoroethane			Not detected	50.0
1,3,5-Trimethylbenzene			Not detected	50.0
1,3-Dichlorobenzene			Not detected	61.0
1,4-Dichlorobenzene			Not detected	60.5
3-Chloropropene			Not detected	75.0
4-Ethyltoluene			Not detected	50.5
Benzene			Not detected	32.5
Benzyl Chloride			Not detected	57.5
Bromomethane			Not detected	39.5
Carbon Tetrachloride			Not detected	64.0
Chlorobenzene			Not detected	47.0
Chloroethane			Not detected	27.0
Chloroform			Not detected	49.5
Chloromethane			Not detected	21.0

YORK

Client Sample ID			Effluent	
York Sample ID			07080900-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
cis-1,2-Dichloroethylene			Not detected	40.5
cis-1,3-Dichloropropylene			Not detected	49.5
Dichlorodifluoromethane			Not detected	50.5
Ethylbenzene			Not detected	44.0
Freon-113			Not detected	78.0
Hexachloro-1,3-Butadiene			Not detected	71.0
Methylene Chloride			Not detected	35.5
o-Xylene			Not detected	44.0
p- & m-Xylenes			Not detected	44.0
Styrene			Not detected	43.5
Tetrachloroethylene			8968	69.0
Toluene			Not detected	38.5
trans-1,3-Dichloropropylene			Not detected	50.5
Trichloroethylene			Not detected	54.5
Trichlorofluoromethane			Not detected	57.0
Vinyl Chloride			Not detected	26.0

Units Key:

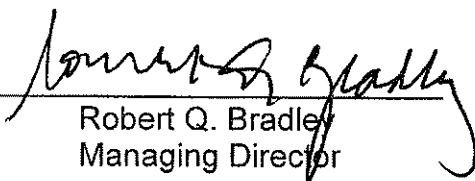
For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 07080900

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: 9/5/2007

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AD44994

05-Sep-07

Client: FPM Group

Analysis Name: **Volatiles(TO-14 list) QA ONLY**
Unit of Measure: ppbv

Batch Name: \$TO14_-24140

QA Sample #: AD44994
York's Sample ID: 07080900-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike			Spike Duplicate		
				Amount	Result	Recovery, %	Duplicate	Recovery, %	Precision, RPD
Benzene	106	Not detected	Not detected	5.30	5.30	106.0	Not detected		
1,1,1-Trichloroethan	91	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected		
Chlorobenzene	99	Not detected	Not detected	5.24	5.24	104.8	Not detected		
1,1-Dichloroethylene	112	Not detected	Not detected	5.00	5.06	101.2	Not detected		
Trichloroethylene	116	Not detected	Not detected	5.34	5.34	106.8	Not detected		
Toluene	111	Not detected	Not detected	5.76	5.76	115.2	Not detected		
Tetrachloroethylene	95	1300	Not detected	Not detected	Not detected	Not detected	1270		2.3
Carbon Tetrachloride	96	Not detected	Not detected	5.52	5.52	110.4	Not detected		
Ethylbenzene	110	Not detected	Not detected	5.14	5.14	102.8	Not detected		
Vinyl Chloride	108	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected		


YORK

ANALYTICAL LABORATORIES, INC.



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

Page 7 of 7

0080900

<u>Company Name</u>	<u>Report To:</u>	<u>Invoice To:</u>	<u>Project ID/No.</u>	<u>Signature</u>
FPM	BON CANCERNI	FPM.	meteo/788-05-07	
				Samples Collected By (Signature)
				BON CANCERNI
				Name (Printed)

[illegible]

Chain-of-Custody Record					
Bottles Relinquished from Lab by	Date/Time	 Sample Relinquished by	Date/Time	 Sample Received by	9:45A Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions	Turn-Around Time <input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH(define)_____
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YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

Report Date: 9/24/2007
Re: Client Project ID: Metro/788-05-07
York Project No.: 07090552

CT License No. PH-0723

New Jersey License No. CT-005

New York License No. 10854



FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

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 09/19/07. The project was identified as your project "Metro/788-05-07".

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			Effluent 0918	
York Sample ID			07090552-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
Volatiles, TO-14 List	EPA TO-14A	ppbv	---	---
1,1,1-Trichloroethane			Not detected	4.0
1,1,2,2-tetrachloroethane			Not detected	4.0
1,1,2-Trichloroethane			Not detected	4.0
1,1-Dichloroethane			Not detected	4.0
1,1-Dichloroethylene			Not detected	4.0
1,2,4-Trichlorobenzene			Not detected	4.0
1,2,4-Trimethylbenzene			Not detected	4.0
1,2-Dibromoethane			Not detected	4.0
1,2-Dichlorobenzene			Not detected	4.0
1,2-Dichloroethane			Not detected	4.0
1,2-Dichloropropane			Not detected	4.0
1,2-Dichlorotetrafluoroethane			Not detected	4.0
1,3,5-Trimethylbenzene			Not detected	4.0
1,3-Dichlorobenzene			Not detected	4.0
1,4-Dichlorobenzene			Not detected	4.0
3-Chloropropene			Not detected	4.0

YORK

Client Sample ID			Effluent 0918	
York Sample ID			07090552-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
4-Ethyltoluene			Not detected	4.0
Benzene			Not detected	4.0
Benzyl Chloride			Not detected	4.0
Bromomethane			Not detected	4.0
Carbon Tetrachloride			Not detected	4.0
Chlorobenzene			Not detected	4.0
Chloroethane			Not detected	4.0
Chloroform			Not detected	4.0
Chloromethane			Not detected	4.0
cis-1,2-Dichloroethylene			Not detected	4.0
cis-1,3-Dichloropropylene			Not detected	4.0
Dichlorodifluoromethane			Not detected	4.0
Ethylbenzene			Not detected	4.0
Freon-113			Not detected	4.0
Hexachloro-1,3-Butadiene			Not detected	4.0
Methylene Chloride			Not detected	4.0
o-Xylene			Not detected	4.0
p- & m-Xylenes			Not detected	4.0
Styrene			Not detected	4.0
Tetrachloroethylene			1100	4.0
Toluene			Not detected	4.0
trans-1,3-Dichloropropylene			Not detected	4.0
Trichloroethylene			Not detected	4.0
Trichlorofluoromethane			Not detected	4.0
Vinyl Chloride			Not detected	4.0
Volatiles, TO-14 List	EPA TO14A	ug/cu.m.	---	---
1,1,1-Trichloroethane			Not detected	22.2
1,1,2,2-tetrachloroethane			Not detected	28.0
1,1,2-Trichloroethane			Not detected	22.2
1,1-Dichloroethane			Not detected	16.4
1,1-Dichloroethylene			Not detected	16.2
1,2,4-Trichlorobenzene			Not detected	33.2
1,2,4-Trimethylbenzene			Not detected	20.0
1,2-Dibromoethane			Not detected	31.2
1,2-Dichlorobenzene			Not detected	24.0
1,2-Dichloroethane			Not detected	16.4
1,2-Dichloropropane			Not detected	18.8
1,2-Dichlorotetrafluoroethane			Not detected	20.0
1,3,5-Trimethylbenzene			Not detected	20.0
1,3-Dichlorobenzene			Not detected	24.4
1,4-Dichlorobenzene			Not detected	24.2
3-Chloropropene			Not detected	30.0
4-Ethyltoluene			Not detected	20.2
Benzene			Not detected	13.0
Benzyl Chloride			Not detected	23.0
Bromomethane			Not detected	15.8
Carbon Tetrachloride			Not detected	25.6
Chlorobenzene			Not detected	18.8
Chloroethane			Not detected	10.8
Chloroform			Not detected	19.8
Chloromethane			Not detected	8.40

YORK

Client Sample ID			Effluent 0918	
York Sample ID			07090552-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
cis-1,2-Dichloroethylene			Not detected	16.2
cis-1,3-Dichloropropylene			Not detected	19.8
Dichlorodifluoromethane			Not detected	20.2
Ethylbenzene			Not detected	17.6
Freon-113			Not detected	31.2
Hexachloro-1,3-Butadiene			Not detected	28.4
Methylene Chloride			Not detected	14.2
o-Xylene			Not detected	17.6
p- & m-Xylenes			Not detected	17.6
Styrene			Not detected	17.4
Tetrachloroethylene			7590	27.6
Toluene			Not detected	15.4
trans-1,3-Dichloropropylene			Not detected	20.2
Trichloroethylene			Not detected	21.8
Trichlorofluoromethane			Not detected	22.8
Vinyl Chloride			Not detected	10.4

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

Notes for York Project No. 07090552

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: 9/24/2007

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AD47297

24-Sep-07

Client: FPM Group

Analysis Name: **Volatiles(TO-14 list) QA ONLY**
Unit of Measure: ppbv

Batch Name: \$TO14_-24409

QA Sample #: AD47297
York's Sample ID: 07090552-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike			Spike Duplicate		
				Amount	Result	Recovery, %	Duplicate	Recovery, %	Precision, RPD
Benzene	95	Not detected	Not detected	5.0	4.5	90.0	Not detected		
1,1,1-Trichloroethan	88	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected		
Chlorobenzene	103	Not detected	Not detected	5.0	4.2	84.0	Not detected		
1,1-Dichloroethylene	87	Not detected	Not detected	5.0	3.9	78.0	Not detected		
Trichloroethylene	96	Not detected	Not detected	5.0	4.5	90.0	Not detected		
Toluene	99	Not detected	Not detected	5.0	4.5	90.0	Not detected		
Tetrachloroethylene	96	988	Not detected	Not detected	Not detected	Not detected	962		2.7
Ethylbenzene	108	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected		
Chloroform	89	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected		
Vinyl Chloride	97	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected		

YORK

ANALYTICAL LABORATORIES, INC.

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

Page 7 of 7

07090552

<u>Company Name</u>	<u>Report To:</u>	<u>Invoice To:</u>	<u>Project ID/No.</u>	<u>DATE</u> <u>For Hcr.</u> Samples Collected By (Signature) <u>Bon CAUCENI</u> Name (Printed)
FPM	BONC	FPM	Matro / 788-05-07	

[illegible]

Chain-of-Custody Record		<i>Rn JC.</i>		<i>9/18/02</i>		<i>8/22</i>		<i>9/19 9:20 AM</i>	
Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time	Sample Received in LAB by	Date/Time		
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time						
Comments/Special Instructions						Turn Around Time			
						<input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH(define) _____			

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

Report Date: 11/14/2007
Re: Client Project ID: Metro/788-05-07
York Project No.: 07110323

CT License No. PH-0723

New Jersey License No. CT-005

New York License No. 10854



Report Date: 11/14/2007
Client Project ID: Metro/788-05-07
York Project No.: 07110323

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

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 11/07/07. The project was identified as your project "Metro/788-05-07".

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			Effluent	
York Sample ID			07110323-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---
1,1,1-Trichloroethane			Not detected	2.0
1,1,2,2-tetrachloroethane			Not detected	2.0
1,1,2-Trichloroethane			Not detected	2.0
1,1-Dichloroethane			Not detected	2.0
1,1-Dichloroethylene			Not detected	2.0
1,2,4-Trichlorobenzene			Not detected	2.0
1,2,4-Trimethylbenzene			Not detected	2.0
1,2-Dibromoethane			Not detected	2.0
1,2-Dichlorobenzene			Not detected	2.0
1,2-Dichloroethane			Not detected	2.0
1,2-Dichloropropane			Not detected	2.0
1,2-Dichlorotetrafluoroethane			Not detected	2.0
1,3,5-Trimethylbenzene			Not detected	2.0
1,3-Butadiene			Not detected	2.0
1,3-Dichlorobenzene			Not detected	2.0
1,4-Dichlorobenzene			Not detected	2.0

YORK

Client Sample ID			Effluent	
York Sample ID			07110323-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
2,2,4-Trimethylpentane			Not detected	2.0
4-Ethyltoluene			Not detected	2.0
Acetone			16	2.0
Allyl Chloride			Not detected	2.0
Benzene			Not detected	2.0
Bromodichloromethane			Not detected	2.0
Bromoform			Not detected	2.0
Bromomethane			Not detected	2.0
Carbon Disulfide			Not detected	2.0
Carbon Tetrachloride			Not detected	2.0
Chlorobenzene			Not detected	2.0
Chloroethane			Not detected	2.0
Chloroform			Not detected	2.0
Chloromethane			Not detected	2.0
cis-1,2-Dichloroethylene			Not detected	2.0
cis-1,3-Dichloropropylene			Not detected	2.0
Cyclohexane			Not detected	2.0
Dibromochloromethane			Not detected	2.0
Dichlorodifluoromethane			Not detected	2.0
Ethyl acetate			Not detected	2.0
Ethylbenzene			Not detected	2.0
Freon-113			Not detected	2.0
Hexachloro-1,3-Butadiene			Not detected	2.0
Isopropanol			Not detected	2.0
Methyl Ethyl ketone			Not detected	2.0
Methyl Isobutyl ketone			Not detected	2.0
Methylene Chloride			Not detected	2.0
MTBE			Not detected	2.0
n-Heptane			Not detected	2.0
n-Hexane			Not detected	2.0
o-Xylene			Not detected	2.0
p- & m-Xylenes			Not detected	2.0
Propylene			Not detected	2.0
Styrene			Not detected	2.0
Tetrachloroethylene			470	2.0
Tetrahydrofuran			Not detected	2.0
Toluene			3.1	2.0
trans-1,2-Dichloroethylene			Not detected	2.0
trans-1,3-Dichloropropylene			Not detected	2.0
Trichloroethylene			2.4	2.0
Trichlorofluoromethane			4.4	2.0
Vinyl acetate			Not detected	2.0
Vinyl Bromide			Not detected	2.0
Vinyl Chloride			Not detected	2.0
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---
1,1,1-Trichloroethane			Not detected	11.1
1,1,2,2-tetrachloroethane			Not detected	14.0
1,1,2-Trichloroethane			Not detected	11.1
1,1-Dichloroethane			Not detected	8.20
1,1-Dichloroethylene			Not detected	8.10
1,2,4-Trichlorobenzene			Not detected	16.6

YORK

Client Sample ID			Effluent	
York Sample ID			07110323-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
1,2,4-Trimethylbenzene			Not detected	10.0
1,2-Dibromoethane			Not detected	15.6
1,2-Dichlorobenzene			Not detected	12.2
1,2-Dichloroethane			Not detected	8.20
1,2-Dichloropropane			Not detected	9.40
1,2-Dichlorotetrafluoroethane			Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0
1,3-Butadiene			Not detected	4.50
1,3-Dichlorobenzene			Not detected	12.2
1,4-Dichlorobenzene			Not detected	12.2
2,2,4-Trimethylpentane			Not detected	9.50
4-Ethyltoluene			Not detected	10.0
Acetone			38.7	4.80
Allyl Chloride			Not detected	6.40
Benzene			Not detected	6.50
Bromodichloromethane			Not detected	13.6
Bromoform			Not detected	21.0
Bromomethane			Not detected	7.90
Carbon Disulfide			Not detected	6.30
Carbon Tetrachloride			Not detected	12.8
Chlorobenzene			Not detected	9.40
Chloroethane			Not detected	5.40
Chloroform			Not detected	9.90
Chloromethane			Not detected	4.20
cis-1,2-Dichloroethylene			Not detected	8.10
cis-1,3-Dichloropropylene			Not detected	9.90
Cyclohexane			Not detected	7.00
Dibromochloromethane			Not detected	17.3
Dichlorodifluoromethane			Not detected	10.1
Ethyl acetate			Not detected	7.50
Ethylbenzene			Not detected	8.80
Freon-113			Not detected	15.6
Hexachloro-1,3-Butadiene			Not detected	14.2
Isopropanol			Not detected	5.00
Methyl Ethyl ketone			Not detected	6.00
Methyl Isobutyl ketone			Not detected	8.30
Methylene Chloride			Not detected	7.10
MTBE			Not detected	7.30
n-Heptane			Not detected	8.30
n-Hexane			Not detected	7.20
o-Xylene			Not detected	8.80
p- & m-Xylenes			Not detected	8.80
Propylene			Not detected	3.50
Styrene			Not detected	8.70
Tetrachloroethylene			3240	13.8
Tetrahydrofuran			Not detected	6.00
Toluene			11.9	7.70
trans-1,2-Dichloroethylene			Not detected	8.10
trans-1,3-Dichloropropylene			Not detected	10.1
Trichloroethylene			13.1	10.9
Trichlorofluoromethane			25.1	11.4

YORK

Client Sample ID			Effluent	
York Sample ID			07110323-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
Vinyl acetate			Not detected	7.20
Vinyl Bromide			Not detected	8.90
Vinyl Chloride			Not detected	5.20

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 07110323

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: 11/14/2007

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AD53884

14-Nov-07

Client: FPM Group

Analysis Name: **Volatile Organics, TO-15 List QA**
Unit of Measure: ppbv

Batch Name: \$TO15_-25507

QA Sample #: AD53884
York's Sample ID: 07110323-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike			Spike Duplicate		
				Amount	Result	Recovery, %	Duplicate	Recovery, %	Precision, RPD
Bromodichlorometha	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chloroform	90	Not detected	Not detected	Not detected	Not detected		Not detected		
4-Ethyl toluene	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
4-Ethyltoluene	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Acetone	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Allyl Chloride	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,4-Dioxane	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Benzyl Chloride	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,4-Dichlorobenzene	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Bromoform	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Bromomethane	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Carbon Disulfide	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Carbon Tetrachloride	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chlorobenzene	102	Not detected	Not detected	5.0	4.6	92.0	Not detected		
1,1,1-Trichloroethan	82	Not detected	Not detected	Not detected	Not detected		Not detected		
Benzene	108	1262	Not detected	5.0	4.9	98.0	1390		9.7
1,2-Dichlorobenzene	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,1,2,2-tetrachloroet	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,1,2-Trichloroethan	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,1-Dichloroethane	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,1-Dichloroethylene	94	Not detected	Not detected	5.0	4.1	82.0	Not detected		
1,2,4-Trichlorobenze	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
2,2,4-Trimethylpenta	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,2-Dibromoethane	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chloromethane	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,2-Dichloroethane	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
1,2-Dichloropropane	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		

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Analytical Laboratories, Inc.

QA/QC Summary Report

1,2-Dichlorotetrafluoroethane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
1,3,5-Trimethylbenzene	Not detected	3.46	Not detected	Not detected	Not detected	4.12	17.4
1,3-Butadiene	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
1,3-Dichlorobenzene	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
1,2,4-Trimethylbenzene	Not detected	10.2	Not detected	Not detected	Not detected	11.3	10.2
Toluene	102	457	Not detected	5.0	4.7	94.0	8.4
Chloroethane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
o-Xylene	Not detected	8.37	Not detected	Not detected	Not detected	9.14	8.8
p- & m-Xylenes	Not detected	10.8	Not detected	Not detected	Not detected	11.8	8.8
Propylene	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Styrene	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
n-Heptane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Tetrahydrofuran	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
MTBE	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
trans-1,2-Dichloroethane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
trans-1,3-Dichloropropane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Trichloroethylene	98	Not detected	Not detected	5.0	4.8	96.0	Not detected
Trichlorofluoromethane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Vinyl acetate	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Vinyl Bromide	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Tetrachloroethylene	94	Not detected	Not detected	Not detected	Not detected	Not detected	
Freon-113	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
cis-1,2-Dichloroethylbenzene	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
cis-1,3-Dichloropropene	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Cyclohexane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Dibromochloromethane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Dichlorodifluoromethane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
n-Hexane	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Ethylbenzene	100	5.07	Not detected	Not detected	Not detected	5.69	11.5
Vinyl Chloride	110	Not detected	Not detected	Not detected	Not detected	Not detected	
Hexachloro-1,3-Butadiene	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Isopropanol	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	
Methyl Butyl ketone	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	

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Analytical Laboratories, Inc.

QA/QC Summary Report

Methyl Ethyl ketone	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected
Methyl Isobutyl	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected
Methylene Chloride	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected
Ethyl acetate	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected

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ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

07110323 Page 1 of 1

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

Company Name <i>FPM</i>	Report To: <i>Beth C.</i>	Invoice To: <i>FPM</i>	Project ID/No. <i>MeRo / 788-05-07</i>	Samples Collected By (Signature) <i>Ben Cawson</i> Name (Printed)
----------------------------	------------------------------	---------------------------	---	---

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
	<i>EFFluent</i>	<i>11/6/07</i>			<i>X</i>		<i>VOC's by TO-15</i>	<i>1-TECA ARBAG</i>

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	<i>Ben C.</i>	Date/Time	<i>11/6/07 1700</i>	Sample Received by	Date/Time
Bottles Received in Field by	Date/Time		Date/Time		<i>Ben C.</i>	<i>11/7/07 10:20</i>
		Sample Relinquished by	Date/Time		Sample Received in LAB by	Date/Time

Comments/Special Instructions

Turn-Around Time

☒ Standard ☐ RUSH(define) _____