

EDWARD P. MANGANO
COUNTY EXECUTIVE

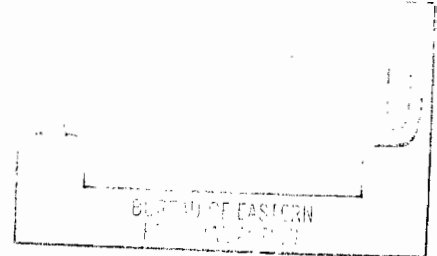


SHILA SHAH-GAVNOUDIAS, P.E.
COMMISSIONER

**COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS**
1194 PROSPECT AVENUE
WESTBURY, NEW YORK 11590-2723

May 21, 2010

New York State Department of
Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control
625 Broadway
Albany, New York 12233



Att: Cynthia Whitfield, P.E.
Environmental Engineer II

Re: 2010 Monthly Effluent Monitoring Reports
Nassau County Firemen's Training Center, Site # 1-30-042

Ladies and Gentlemen:

Attached is the January 2010 Monthly Effluent Monitoring Report for the groundwater remediation at the Firemen's Training Center site in Old Bethpage, New York.

If you have any questions concerning the monthly monitoring reports, please contact Mr. Michael Flaherty, Hydrogeologist III at (516) 571-7514.

Very truly yours,

Joseph L. Davenport, P.E.
Chief Sanitary Engineer
Unit Head, Water/Wastewater Engineering Unit

JLD:cs

Attachment

c: Kenneth G. Arnold, Sanitary Engineer IV
William Spitz, Region 1, NYSDEC
Joseph N. Walker, Assistant Superintendent of Water Supply
Michael Flaherty, Hydrogeologist III

NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001

JANUARY 2010

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 1/5/10	WEEK 2 01/12/10	WEEK 3 01/19/10	WEEK 4 01/26/10
FLOW, DAILY AVG	MONITOR	GPD	NA	867,640	922,214	942,000	933,771
FLOW, DAILY MAX	MONITOR	GPD	NA	873,750	954,200	949,700	938,400
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4	BDL	BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
1,1-DICHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL
1,2(TRANS)-DICHLOROETHENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
ACETONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL
BENZENE	0.7	µ g/l	0.7	BDL	BDL	BDL	BDL
CHLOROFORM	7	µ g/l	1.1	BDL	BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	0.7	BDL	BDL	BDL	BDL
DICHLOROBROMOMETHANE	50	µ g/l	0.9	BDL	BDL	BDL	BDL
m,p-XYLENE	5	µ g/l	2.4	BDL	BDL	BDL	BDL
METHYL ETHYL KEYTONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL
NAPHTHALENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.3	BDL	BDL	BDL	BDL
TETRACHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
TOLUENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL
VINYL CHLORIDE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
TOTAL VOCs		µ g/l					
BIS(2-ETHYLHEXYL)PHTHALATE	4.3	µ g/l	1.0	BDL	BDL	BDL	0.57 BJ
DIETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
DIMETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
DI-N-OCTYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
FLUORENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
PHENANTHRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
PYRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
ALUMINUM, TOTAL	2000	µ g/l	40.0	BDL	BDL	8.4 J	BDL
ARSENIC, TOTAL	50	µ g/l	48.0	BDL	BDL	BDL	BDL
CHROMIUM, TOTAL	50	µ g/l	2.0	BDL	BDL	BDL	BDL
IRON, TOTAL	600	µ g/l	2.0	85.4	138.0	97.9	83.0
MANGANESE, TOTAL	600	µ g/l	1.0	801.0	488.0	443.0	587.0
NICKEL, TOTAL	2000	µ g/l	5.0	5.9 J	BDL	5.4 J	5.9 J
SUM IRON & MANGANESE	1000	µ g/l	NA	886.4	626.0	540.9	670.0

B - Analyte detected in the associated Method Blank

J - Analyte detected below Quantitation limits

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SHILA SHAH-GAVNOUDIAS, P.E.
COMMISSIONER

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May 21, 2010

New York State Department of
Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control
625 Broadway
Albany, New York 12233

Att: Cynthia Whitfield, P.E.
Environmental Engineer II

Re: 2010 Monthly Effluent Monitoring Reports
Nassau County Firemen's Training Center, Site # 1-30-042

Ladies and Gentlemen:

Attached is the February 2010 Monthly Effluent Monitoring Report for the groundwater remediation at the Firemen's Training Center site in Old Bethpage, New York.

If you have any questions concerning the monthly monitoring report, please contact Mr. Michael Flaherty, Hydrogeologist III at (516) 571-7514.

Very truly yours,

Joseph L. Davenport, P.E.
Chief Sanitary Engineer
Unit Head, Water/Wastewater Engineering Unit

JLD:cs

Attachment

c: Kenneth G. Arnold, Sanitary Engineer IV
William Spitz, Region 1, NYSDEC
Joseph N. Walker, Assistant Superintendent of Water Supply
Michael Flaherty, Hydrogeologist III

NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001

FEBRUARY 2010

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 2/3/10	WEEK 2 02/09/10	WEEK 3 02/16/10	WEEK 4 02/23/10
FLOW, DAILY AVG	MONITOR	GPD	NA	757,175	701,229	728,171	720,700
FLOW, DAILY MAX	MONITOR	GPD	NA	936,000	738,000	729,550	728,100
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4	BDL	BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
1,1-DICHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL
1,2(TRANS)-DICHLOROETHENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
ACETONE	50	µ g/l	10.0	3.3 B	BDL	BDL	BDL
BENZENE	0.7	µ g/l	0.7	BDL	BDL	BDL	BDL
CHLOROFORM	7	µ g/l	1.1	BDL	BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	0.7	BDL	BDL	BDL	BDL
DICHLOROBROMOMETHANE	50	µ g/l	0.9	BDL	BDL	BDL	BDL
m,p-XYLENE	5	µ g/l	2.4	BDL	BDL	BDL	BDL
METHYL ETHYL KEYTONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL
NAPHTHALENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.3	BDL	BDL	BDL	BDL
TETRACHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
TOLUENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL
VINYL CHLORIDE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
TOTAL VOCs		µ g/l					
BIS(2-ETHYLHEXYL)PHTHALATE	4.3	µ g/l	1.0	BDL	BDL	0.54 JC	1.3 BJ
DIETHYL PHTHALATE	50	µ g/l	1.0	0.90 J	BDL	BDL	BDL
DIMETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
DI-N-OCTYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
FLUORENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
PHENANTHRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
PYRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
ALUMINUM, TOTAL	2000	µ g/l	40.0	50.6	17.1 J	48.3	28.3
ARSENIC, TOTAL	50	µ g/l	48.0	BDL	BDL	BDL	BDL
CHROMIUM, TOTAL	50	µ g/l	2.0	842.0	BDL	BDL	BDL
IRON, TOTAL	600	µ g/l	2.0	4,100.0	239.0	181.0	1,990.0
MANGANESE, TOTAL	600	µ g/l	1.0	927.0	589.0	581.0	397.0
NICKEL, TOTAL	2000	µ g/l	5.0	346.0	9.7 J	BDL	BDL
SUM IRON & MANGANESE	1000	µ g/l	NA	5,027.0	828.0	762.0	2,387.0

B - Analyte detected in the associated Method Blank

J - Analyte detected below Quantitation limits

C - Calibration %RSD/%D exceeded for non-CCC analytes

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SHILA SHAH-GAVNOUDIAS, P.E.
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May 21, 2010

New York State Department of
Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control
625 Broadway
Albany, New York 12233

Att: Cynthia Whitfield, P.E.
Environmental Engineer II

Re: 2010 Monthly Effluent Monitoring Reports
Nassau County Firemen's Training Center, Site # 1-30-042

Ladies and Gentlemen:

Attached is the March 2010 Monthly Effluent Monitoring Report for the groundwater remediation at the Firemen's Training Center site in Old Bethpage, New York.

If you have any questions concerning the monthly monitoring report, please contact Mr. Michael Flaherty, Hydrogeologist III at (516) 571-7514.

Very truly yours,

Joseph L. Davenport, P.E.
Chief Sanitary Engineer
Unit Head, Water/Wastewater Engineering Unit

JLD:cs

Attachment

c: Kenneth G. Arnold, Sanitary Engineer IV
William Spitz, Region 1, NYSDEC
Joseph N. Walker, Assistant Superintendent of Water Supply
Michael Flaherty, Hydrogeologist III

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

MARCH 2010

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 3/2/10	WEEK 2 03/09/10	WEEK 3 3/16/10	WEEK 4 03/23/10	WEEK 5 3/30/10
FLOW, DAILY AVG	MONITOR	GPD	NA	540,829	538,186	509,243	547,343	728,171
FLOW, DAILY MAX	MONITOR	GPD	NA	554,800	539,400	561,000	549,400	735,000
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,2(TRANS)-DICHLOROETHENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
ACETONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL	BDL
BENZENE	0.7	µ g/l	0.7	BDL	BDL	BDL	BDL	BDL
CHLOROFORM	7	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	0.7	BDL	BDL	BDL	BDL	BDL
DICHLOROBROMOMETHANE	50	µ g/l	0.9	BDL	BDL	BDL	BDL	BDL
m,p-XYLENE	5	µ g/l	2.4	BDL	BDL	BDL	BDL	BDL
METHYL ETHYL KEYTONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL	BDL
NAPHTHALENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.3	BDL	BDL	BDL	BDL	BDL
TETRACHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
TOLUENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL	BDL
VINYL CHLORIDE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
TOTAL VOCs		µ g/l						
BIS(2-ETHLHEXYL)PHTHALATE	4.3	µ g/l	1.0	BDL	BDL	1.0 J	BDL	1.0 BJ
DIETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
DIMETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
DI-N-OCTYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
FLUORENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
PHENANTHRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
PYRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
ALUMINUM, TOTAL	2000	µ g/l	40.0	6.0 J	6.2 J	319.0	5.4 J	8.5 J
ARSENIC, TOTAL	50	µ g/l	48.0	BDL	BDL	BDL	BDL	BDL
CHROMIUM, TOTAL	50	µ g/l	2.0	BDL	BDL	38.3	BDL	BDL
IRON, TOTAL	600	µ g/l	2.0	45.7	204.0	2,330.0	142.0	64.7
MANGANESE, TOTAL	600	µ g/l	1.0	154.0	164.0	177.0	152.0	178.0
NICKEL, TOTAL	2000	µ g/l	5.0	5.5 J	BDL	15.6 J	BDL	BDL
SUM IRON & MANGANESE	1000	µ g/l	NA	199.7	368.0	2,507.0	294.0	242.7

B - Analyte detected in the associated Method Blank

J - Analyte detected below Quantitation limits

EDWARD P. MANGANO
COUNTY EXECUTIVE



SHILA SHAH-GAVNOUDIAS, P.E.
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COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1194 PROSPECT AVENUE
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May 21, 2010

New York State Department of
Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control
625 Broadway
Albany, New York 12233

Att: Cynthia Whitfield, P.E.
Environmental Engineer II

Re: 2010 Monthly Effluent Monitoring Reports
Nassau County Firemen's Training Center, Site # 1-30-042

Ladies and Gentlemen:

Attached is the April 2010 Monthly Effluent Monitoring Report for the groundwater remediation at the Firemen's Training Center site in Old Bethpage, New York.

If you have any questions concerning the monthly monitoring report, please contact Mr. Michael Flaherty, Hydrogeologist III at (516) 571-7514.

Very truly yours,

Joseph L. Davenport, P.E.
Chief Sanitary Engineer
Unit Head, Water/Wastewater Engineering Unit

JLD:cs

Attachment

c: Kenneth G. Arnold, Sanitary Engineer IV
William Spitz, Region 1, NYSDEC
Joseph N. Walker, Assistant Superintendent of Water Supply
Michael Flaherty, Hydrogeologist III

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

APRIL 2010

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 4/6/10	WEEK 2 04/13/10	WEEK 3 04/20/10	WEEK 4 04/27/10
FLOW, DAILY AVG	MONITOR	GPD	NA	721,300	715,971	711,214	706,543
FLOW, DAILY MAX	MONITOR	GPD	NA	727,900	737,600	718,500	712,300
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4	BDL	BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
1,1-DICHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL
1,2(TRANS)-DICHLOROETHENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
ACETONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL
BENZENE	0.7	µ g/l	0.7	BDL	BDL	BDL	BDL
CHLOROFORM	7	µ g/l	1.1	BDL	BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	0.7	BDL	BDL	BDL	BDL
DICHLOROBROMOMETHANE	50	µ g/l	0.9	BDL	BDL	BDL	BDL
m,p-XYLENE	5	µ g/l	2.4	BDL	BDL	BDL	BDL
METHYL ETHYL KEYTONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL
NAPHTHALENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.3	BDL	BDL	BDL	BDL
TETRACHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
TOLUENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL
VINYL CHLORIDE	5	µ g/l	1.1	BDL	BDL	BDL	BDL
TOTAL VOCs		µ g/l					
BIS(2-ETHYLHEXYL)PHTHALATE	4.3	µ g/l	1.0	BDL	BDL	BDL	BDL
DIETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
DIMETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
DI-N-OCTYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
FLUORENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
PHENANTHRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
PYRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL
ALUMINUM, TOTAL	2000	µ g/l	40.0	BDL	BDL	BDL	BDL
ARSENIC, TOTAL	50	µ g/l	48.0	BDL	BDL	BDL	BDL
CHROMIUM, TOTAL	50	µ g/l	2.0	BDL	BDL	BDL	BDL
IRON, TOTAL	600	µ g/l	2.0	39.5	67.2	54.4	43.4
MANGANESE, TOTAL	600	µ g/l	1.0	173.0	185.0	193.0	220.0
NICKEL, TOTAL	2000	µ g/l	5.0	BDL	5.8	BDL	BDL
SUM IRON & MANGANESE	1000	µ g/l	NA	212.5	252.2	247.4	263.4

J - Analyte detected below Quantitation limits