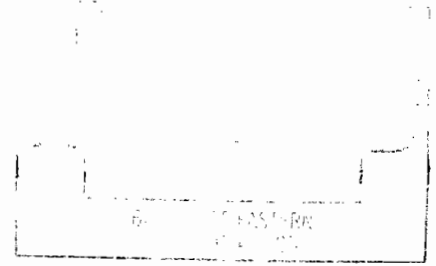


THOMAS R. SUOZZI
COUNTY EXECUTIVE



RAYMOND A. RIBEIRO, P.E.
COMMISSIONER

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



September 23, 2009

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: 2009 Monthly Effluent Monitoring Reports
Nassau County Firemen's Training Center, Site #1-30-042

Ladies and Gentlemen:

Attached is the August 2009 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) 571-6988.

Very truly yours,

Kenneth G. Arnold, P.E.
Unit Head, Water/Wastewater Engineering Unit

KGA:MF:cs
Attachment

c: Joseph L. Davenport, Acting Division Head, Chief Sanitary Engineer
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**

AUGUST 2009

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1	WEEK 2	WEEK 3	WEEK 4
				8/4/09	08/11/09	08/18/09	08/25/09
FLOW, DAILY AVG	MONITOR	GPD	NA	903,043	882,071	883,414	892,314
FLOW, DAILY MAX	MONITOR	GPD	NA	937,600	934,500	892,000	894,700
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	0.95 J
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
ALUMINIUM, TOTAL	2000	µ g/l	40.0	23.4	23.3	76.3	5.7 J
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	155.0	147.0	144.0	56.3
MANGANESE, TOTAL	600	µ g/l	1.0	197.0	210.0	185.0	256.0
NICKEL, TOTAL	2000	µ g/l	5.0	6.4 J	6.5 J	BDL	5.6 J
SUM IRON & MANGANESE	1000	µ g/l	NA	352.0	357.0	329.0	312.3

J - Analyte detected below Quantitation limits