

THOMAS R. SUOZZI  
COUNTY EXECUTIVE

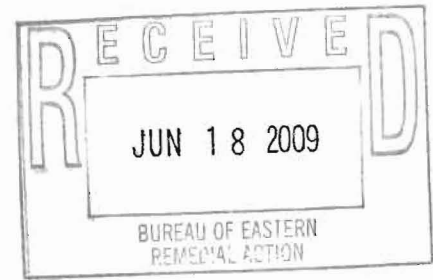


RAYMOND A. RIBEIRO, P.E.  
COMMISSIONER

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

June 11, 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 Fireman's Training Center, Site #1-30-042

Ladies and Gentlemen:

Attached is the May 2009 Monthly Effluent Monitoring Report for the groundwater remediation at the Fireman'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,

A handwritten signature in cursive script, appearing to read "Kenneth G. Arnold".

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

KGA:JNW:cs  
Attachments

c: Joseph L. Davenport, Deputy Commissioner of Public Works  
William Spitz, Region 1, NYSDEC  
Joseph N. Walker, Assistant Superintendent of Water Supply

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

**MAY 2009**

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMP'T MDL	WEEK 1 5/5/09	WEEK 2 05/12/09	WEEK 3 05/19/09	WEEK 4 05/26/09
FLOW, DAILY AVG	MONITOR	GPD	NA	777,586	768,929	769,357	769,886
FLOW, DAILY MAX	MONITOR	GPD	NA	781,500	772,700	772,600	775,100
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	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-ETHLHEXYL)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	10.7 J	32.6	12.9 J	74.6
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	40.4	71.1	54.0	217.0
MANGANESE, TOTAL	600	μ g/l	1.0	131.0	138.0	134.0	111.0
NICKEL, TOTAL	2000	μ g/l	5.0	6.4 J	7.1 J	21.3	5.9 J
SUM IRON & MANGANESE	1000	μ g/l	NA	171.4	209.1	188.0	328.0

J - Analyte detected below Quantitation limits