



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

October 4, 2005

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

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

Re: Monthly Effluent Monitoring Report / August 2005
Nassau County Fireman's Training Center, Site #1-30-042

Gentlemen:

Attached is the August 2005 Monthly Effluent Monitoring Report for the groundwater remediation at the Fireman's Training Center site in Old Bethpage, New York. No effluent discharge criterion was exceeded during this time period.

If you have any questions concerning the monthly monitoring report, please contact me at (516) 571-6970.

Very truly yours,

Peter J. Witkowski
Director of Hazardous Waste Services

PJW:JNW:cs
Attachments

c: Joseph L. Davenport, Deputy Commissioner
Kenneth G. Arnold, Sanitary Engineer IV
William Spitz, Region 1, NYSDEC

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

AUGUST 2005

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 8/2/05	WEEK 2 08/09/05	WEEK 3 08/16/05	WEEK 4 08/23/05	WEEK 5 08/30/05
FLOW, DAILY AVG	MONITOR	GPD	NA	381814	379157	249771	454071	420686
FLOW, DAILY MAX	MONITOR	GPD	NA	385600	381100	382900	411400	446900
VINYL CHLORIDE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
1,2(TRANS)-DICHLOROETHENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4	BDL	BDL	BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL	BDL
BENZENE	0.7	µ g/l	0.7	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
m,p-XYLENE	5	µ g/l	2.4	BDL	BDL	BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.3	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
METHYL ETHYL KEYTONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL	BDL
ACETONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL	BDL
CHLOROFORM	7	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
DICHLOROBROMOMETHANE	50	µ g/l	0.9	BDL	BDL	BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	0.7	BDL	BDL	BDL	BDL	BDL
NAPHTHALENE	10	µ g/l	1.7	BDL	BDL	BDL	BDL	BDL
TOTAL VOCs		µ g/l	0.0	0.0	0.0	0.0	0.0	0.0
PHENANTHRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
FLUORENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
PYRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
BIS(2-ETHLHEXYL)PHTHALATE	4.3	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
DIMETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
DIETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
IRON, TOTAL	600	µ g/l	2.0	26.0	44.0	13.0	70.0	38.0
MANGANESE, TOTAL	600	µ g/l	1.0	18.0	36.0	58.0	50.0	51.0
SUM IRON & MANGANESE	1000	µ g/l	NA	44.0	80.0	71.0	120.0	89.0
NICKEL, TOTAL	2000	µ g/l	5.0	2.0	4.0	4.0	2.0	4.0
ARSENIC, TOTAL	50	µ g/l	48.0	BDL	BDL	BDL	BDL	BDL
ALUMINUM, TOTAL	2000	µ g/l	40.0	BDL	BDL	BDL	BDL	13.0
CHROMIUM, TOTAL	50	µ g/l	2.0	BDL	BDL	BDL	BDL	BDL