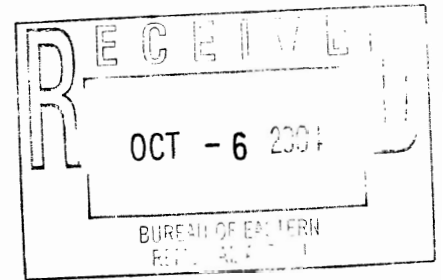




COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
MINEOLA, NEW YORK 11501-4822



October 1, 2004

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 / April through May 2004
Nassau County Fireman's Training Center, Site #1-30-042

Gentlemen:

Attached are the April and May 2004 Monthly Effluent Monitoring Reports 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: William Spitz, Region 1, NYSDEC

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

APRIL 2004

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 04/06/04	WEEK 2 04/13/04	WEEK 3 04/20/04	WEEK 4 04/27/04	WEEK 5
FLOW, DAILY AVG	MONITOR	GPD	NA	650286	720357	712714	772829	
FLOW, DAILY MAX	MONITOR	GPD	NA	686100	814100	810100	784500	
VINYL CHLORIDE	5	μ g/l	1.1	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHANE	5	μ g/l	1.1	BDL	BDL	BDL	BDL	
1,2(TRANS)-DICHLOROETHENE	5	μ g/l	1.1	BDL	BDL	BDL	BDL	
1,2(CIS)-DICHLOROETHENE	5	μ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,1-TRICHLOROETHANE	5	μ g/l	1.4	BDL	BDL	BDL	BDL	
TRICHLOROETHENE	10	μ g/l	1.7	BDL	BDL	BDL	BDL	
BENZENE	0.7	μ g/l	0.7	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	
m,p-XYLENE	5	μ g/l	2.4	BDL	BDL	BDL	BDL	
o-XYLENE	5	μ g/l	1.3	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHENE	5	μ g/l	1.2	BDL	BDL	BDL	BDL	
METHYL ETHYL KEYTONE	50	μ g/l	10.0	BDL	BDL	BDL	BDL	
ACETONE	50	μ g/l	10.0	BDL	BDL	BDL	BDL	
CHLOROFORM	7	μ g/l	1.1	BDL	BDL	BDL	BDL	
DICHLOROBROMOMETHANE	50	μ g/l	0.9	BDL	BDL	BDL	BDL	
DIBROMOCHLOROMETHANE	50	μ g/l	0.7	BDL	BDL	BDL	BDL	
NAPHTHALENE	10	μ g/l	1.7	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	
FLUORENE	50	μ g/l	1.0	BDL	BDL	BDL	BDL	
PYRENE	50	μ g/l	1.0	BDL	BDL	BDL	BDL	
BIS(2-ETHLHEXYL)PHTHALATE	4.3	μ g/l	1.0	BDL	BDL	BDL	BDL	
DI-N-OCTYL PHTHALATE	50	μ g/l	1.0	BDL	BDL	BDL	BDL	
DIMETHYL PHTHALATE	50	μ g/l	1.0	BDL	BDL	BDL	BDL	
DIETHYL PHTHALATE	50	μ g/l	1.0	BDL	BDL	BDL	BDL	
IRON, TOTAL	600	μ g/l	2.0					
MANGANESE, TOTAL	600	μ g/l	1.0					
SUM IRON & MANGANESE	1000	μ g/l	NA	0.0	0.0	0.0	0.0	0.0
NICKEL, TOTAL	2000	μ g/l	5.0					
ARSENIC, TOTAL	50	μ g/l	48.0					
ALUMINUM, TOTAL	2000	μ g/l	40.0					
CHROMIUM, TOTAL	50	μ g/l	2.0					

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

MAY 2004

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMP'T MDL	WEEK 1 05/03/04	WEEK 2 05/11/04	WEEK 3 05/18/04	WEEK 4 05/25/04	WEEK 5
FLOW, DAILY AVG	MONITOR	GPD	NA	735500				
FLOW, DAILY MAX	MONITOR	GPD	NA	763600				
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	
TOLUENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	
m,p-XYLENE	5	µ g/l	2.4	BDL	BDL	BDL	BDL	
o-XYLENE	5	µ g/l	1.3	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	
METHYL ETHYL KEYTONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL	
ACETONE	50	µ g/l	10.0	BDL	BDL	BDL	BDL	
CHLOROFORM	7	µ g/l	1.1	BDL	BDL	BDL	BDL	
DICHLOROBROMOMETHANE	50	µ g/l	0.9	BDL	BDL	BDL	BDL	
DIBROMOCHLOROMETHANE	50	µ g/l	0.7	BDL	BDL	BDL	BDL	
NAPHTHALENE	10	µ g/l	1.7	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	
FLUORENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
PYRENE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
BIS(2-ETHLHEXYL)PHTHALATE	4.3	µ g/l	1.0	BDL	BDL	BDL	BDL	
DI-N-OCTYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
DIMETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
DIETHYL PHTHALATE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
IRON, TOTAL	600	µ g/l	2.0	51.0	27.0	26.0	45.0	
MANGANESE, TOTAL	600	µ g/l	1.0	569.0	393.0	398.0	406.0	
SUM IRON & MANGANESE	1000	µ g/l	NA	620.0	420.0	424.0	451.0	0.0
NICKEL, TOTAL	2000	µ g/l	5.0	7.0	6.0	6.0	5.0	
ARSENIC, TOTAL	50	µ g/l	48.0	10.0	BDL	BDL	BDL	
ALUMINUM, TOTAL	2000	µ g/l	40.0	BDL	BDL	BDL	BDL	
CHROMIUM, TOTAL	50	µ g/l	2.0	BDL	BDL	BDL	BDL	