



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

December 14, 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 / September and October 2005  
Nassau County Fireman's Training Center, Site #1-30-042

Gentlemen:

Attached is the September and October 2005 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: 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

SEPTEMBER 2005

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 9/6/05	WEEK 2 09/13/05	WEEK 3 09/20/05	WEEK 4 09/27/05	WEEK 5
FLOW, DAILY AVG	MONITOR	GPD	NA	381814	379157	249771	454071	
FLOW, DAILY MAX	MONITOR	GPD	NA	385600	381100	382900	412343	
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-ETHYLHEXYL)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	27.0	46.0	61.0	32.0	
MANGANESE, TOTAL	600	µ g/l	1.0	46.0	45.0	47.0	46.0	
SUM IRON & MANGANESE	1000	µ g/l	NA	73.0	91.0	108.0	78.0	0.0
NICKEL, TOTAL	2000	µ g/l	5.0	3.0	7.0	3.0	2.0	
ARSENIC, TOTAL	50	µ g/l	48.0	BDL	BDL	BDL	BDL	BDL
ALUMINIUM, TOTAL	2000	µ g/l	40.0	BDL	20.0	4.0	BDL	BDL
CHROMIUM, TOTAL	50	µ g/l	2.0	1.0	BDL	BDL	2.0	BDL

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

OCTOBER 2005

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 10/3/05	WEEK 2 10/10/05	WEEK 3 10/20/05	WEEK 4 10/24/05	WEEK 5
FLOW, DAILY AVG	MONITOR	GPD	NA	412657	413257	310867	399250	
FLOW, DAILY MAX	MONITOR	GPD	NA	418100	416400	408500	400767	
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	
METHYLETHYL 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-ETHYLHEXYL)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	56.0	39.0	77.0	57.0	
MANGANESE, TOTAL	600	µ g/l	1.0	47.0	48.0	53.0	48.0	
SUM IRON & MANGANESE	1000	µ g/l	NA	103.0	87.0	130.0	105.0	0.0
NICKEL, TOTAL	2000	µ g/l	5.0	4.0	4.0	4.0	4.0	
ARSENIC, TOTAL	50	µ g/l	48.0	BDL	BDL	BDL	BDL	BDL
ALUMINIUM, TOTAL	2000	µ g/l	40.0	10.0	BDL	BDL	27.0	BDL
CHROMIUM, TOTAL	50	µ g/l	2.0	BDL	BDL	BDL	BDL	BDL

CW2

File on eDOCs?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Site Name	Nassau Co FTC	
Site #	130042	
County	Nassau	
Town	Oyster Bay	
Foitable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Please Write The eDOC File Name Description		

Report, hw 130042, 2005-09-10, mem r

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