



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

MAY - 2006

April 24, 2006

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 / February 2006  
Nassau County Mitchel Field Remedial Action  
(AKA Purex), Site #1-30-014

Gentlemen:

Attached is the Monthly Effluent Monitoring Report for February 2006 for the groundwater remediation for the Purex Mitchel Field Remedial Action in Garden City, 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,

*PJW* Peter J. Witkowski  
Director of Hazardous Waste Services

PJW:JNW:cs  
Attachment

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

**NASSAU COUNTY MITCHEL FIELD REMEDIAL ACTION  
MONTHLY EFFLUENT MONITORING REPORT**

**FEBRUARY 2006  
OUTFALL 001G**

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 02/06/06	WEEK 2 02/13/06	WEEK 3 02/21/06	WEEK 4 02/27/06	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA					
pH	6.5-8.5	SU		7.4	6.55	6.68	6.78	
TOTAL AGG CONC #1	4.7	μ g/l						
TOTAL AGG CONC #2	2	μ g/l						
TOTAL AGG CONC #3	50	μ g/l						
DICHLOROBROMOMETHANE	50	μ g/l	0.9	BDL	BDL	BDL	BDL	
CARBON TETRACHLORIDE	5	μ g/l	1.3	BDL	BDL	BDL	BDL	
BROMOFORM	50	μ g/l	0.7	BDL	BDL	BDL	BDL	
DIBROMOCHLOROMETHANE	50	μ g/l	0.7	BDL	BDL	BDL	BDL	
CHLOROFORM	0.2	μ g/l	1.1	BDL	BDL	BDL	BDL	
TOLUENE	5	μ g/l	1.2	BDL	BDL	BDL	BDL	
BENZENE	0.7	μ g/l	0.7	BDL	BDL	BDL	BDL	
CHLOROBENZENE	5	μ g/l	1.2	BDL	BDL	BDL	BDL	
ETHYLBENZENE	5	μ g/l	1.2	BDL	BDL	BDL	BDL	
METHYLENE CHLORIDE	5	μ g/l	1.0	BDL	BDL	BDL	BDL	
TETRACHLOROETHENE	0.5	μ g/l	1.2	BDL	BDL	BDL	BDL	
TRICHLOROFLUOROMETHANE	5	μ g/l	1.2	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHANE	5	μ g/l	1.1	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHENE	0.9	μ g/l	1.2	BDL	BDL	BDL	BDL	
1,1,1-TRICHLOROETHANE	5	μ g/l	1.4	BDL	BDL	BDL	BDL	
1,1,2-TRICHLOROETHANE	0.5	μ g/l	0.9	BDL	BDL	BDL	BDL	
1,1,2,2 TETRACHLOROETHANE	0.3	μ g/l	1.0	BDL	BDL	BDL	BDL	
1,2-DICHLOROETHANE	1	μ g/l	0.8	BDL	BDL	BDL	BDL	
1,2 DICHLOROBENZENE	4.7	μ g/l	0.9	BDL	BDL	BDL	BDL	
1,2 DICHLOROPROPANE	5	μ g/l	1.0	BDL	BDL	BDL	BDL	
1,2(TRANS)-DICHLOROETHENE	2	μ g/l	1.1	BDL	BDL	BDL	BDL	
1,3 DICHLOROBENZENE	5	μ g/l	1.1	BDL	BDL	BDL	BDL	
1,4 DICHLOROBENZENE	4.7	μ g/l	1.0	BDL	BDL	BDL	BDL	
TRANS 1,3 DICHLOROPROPENE	2	μ g/l	0.9	BDL	BDL	BDL	BDL	
CIS 1,3 DICHLOROPROPENE	2	μ g/l	0.9	BDL	BDL	BDL	BDL	
m,p-XYLENE	5	μ g/l	2.4	BDL	BDL	BDL	BDL	
BROMOMETHANE	5	μ g/l	2.4	BDL	BDL	BDL	BDL	
VINYL CHLORIDE	5	μ g/l	1.1	BDL	BDL	BDL	BDL	
TRICHLOROETHENE	10	μ g/l	0.6	BDL	BDL	BDL	BDL	
1,2(CIS)-DICHLOROETHENE	5	μ g/l	0.7	BDL	BDL	BDL	BDL	
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	μ g/l		BDL	BDL	BDL	BDL	
o-XYLENE	5	μ g/l	1.3	BDL	BDL	BDL	BDL	
CHLOROETHANE	5	μ g/l	1.6	BDL	BDL	BDL	BDL	
TOTAL VOCs	100	μ g/l	0.0	0.0	0.0	0.0	0.0	0.0