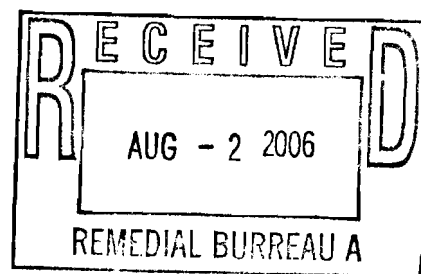




COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1194 PROSPECT AVENUE
WESTBURY, NEW YORK 11590-2723



July 26, 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 / March - May 2006
Nassau County Mitchel Field Remedial Action
(AKA Purex), Site #1-30-014

Gentlemen:

Attached is the Monthly Effluent Monitoring Report for March - May 2006 for the groundwater remediation for the Purex Mitchel Field Remedial Action in Garden City, New York.

The effluent discharge criteria for Tetrachloroethene was exceeded once in March. We have initiated procedures to bid a contract to replace the media in the stripper towers to increase removal efficiencies.

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

Very truly yours,

A handwritten signature in black ink, appearing to read "Peter J. Witkowski".

Peter J. Witkowski
Director of Hazardous Waste Services

PJW:JNW:cs
Attachment

c: Kenneth G. Arnold, Sanitary Engineer IV
William Spitz, Region 1, NYSDEC

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

**MARCH 2006
OUTFALL 001G**

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMP'T MDL	WEEK 1 03/06/06	WEEK 2 03/13/06	WEEK 3 03/20/06	WEEK 4 03/26/06	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA					
pH	6.5-8.5	SU		5.75	6.95	6.71	7.06	
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	0.5	BDL	BDL	BDL	0.7	
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	0.7	0.0

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

**APRIL 2006
OUTFALL 001G**

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMP'T MDL	WEEK 1 04/03/06	WEEK 2	WEEK 3 04/17/06	WEEK 4 04/25/06	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA					
pH	6.5-8.5	SU		6.92		6.41	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	0.5	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

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

**MAY 2006
OUTFALL 001G**

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMP'T MDL	WEEK 1 05/01/06	WEEK 2 05/08/06	WEEK 3 05/15/06	WEEK 4 05/22/06	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA					
pH	6.5-8.5	SU		7.38	7.25	7.36	7.3	
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	0.5	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