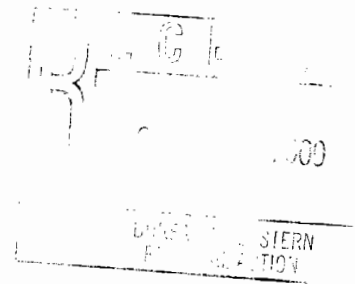


THOMAS R. SUOZZI
COUNTY EXECUTIVE



RAYMOND A. RIBEIRO, P.E.
COMMISSIONER

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



October 1, 2009

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

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

Re: Monthly Effluent Monitoring Reports 2009
Nassau County Mitchel Field Remedial Action
(AKA Purex), Site #1-30-014

Ladies and Gentlemen:

Attached is the August 2009 Monthly Effluent Monitoring Report for the groundwater remediation at the Purex Mitchel Field Remedial Action in Garden City, New York.

If you have any questions concerning the monthly monitoring reports, please contact Mr. Michael Flaherty, Hydrogeologist III, at (516) 571-6988.

Very truly yours,

Kenneth G. Arnold, P.E.
Unit Head, Water/Wastewater Engineering Unit

KGA:JNW:jb
Attachment

c: Joseph L. Davenport, Acting Division Head, Chief Sanitary Engineer
William Spitz, Region 1, NYSDEC
Joseph N. Walker, Assistant Superintendent of Water Supply

NASSAU COUNTY MITCHEL FIELD REMEDIAL ACTION
MONTHLY EFFLUENT MONITORING REPORT

OUTFALL 001G

AUGUST 2009

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 8/3/2009	WEEK 2 8/10/2009	WEEK 3 8/17/2009	WEEK 4 8/24/2009	WEEK 5 8/31/2009
FLOW, DAILY MAX	MONITOR 6.5-8.5	GPD	NA	674,400	649,650	638,500	626,475	611,214
pH	4.7	su		7.05 H	6.87 H	7.26 H	7.19 H	7.26 H
TOTAL AGG CONC #1	2	µ g/l						
TOTAL AGG CONC #2	50	µ g/l						
TOTAL AGG CONC #3	50	µ g/l						
DICHLOROBROMOMETHANE	50	µ g/l	0.9	BDL	BDL	BDL	BDL	BDL
CARBON TETRACHLORIDE	5	µ g/l	1.3	BDL	BDL	BDL	BDL	BDL
BROMOFORM	50	µ g/l	0.7	BDL	BDL	BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	0.7	BDL	BDL	BDL	BDL	BDL
CHLOROFORM	0.2	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
TOLUENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
BENZENE	0.7	µ g/l	0.7	BDL	BDL	BDL	BDL	BDL
CHLOROBENZENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
ETHYLBENZENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
METHYLENE CHLORIDE	5	µ g/l	1	15 BC	26 BC	6.6 BC	7.7 BC	1.9 B
TETRACHLOROETHENE	0.5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
TRICHLOROFLUOROMETHANE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHENE	0.9	µ g/l	1.2	BDL	BDL	BDL	BDL	BDL
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4	BDL	BDL	BDL	BDL	BDL
1,1,2-TRICHLOROETHANE	0.5	µ g/l	0.9	BDL	BDL	BDL	BDL	BDL
1,1,2,2 TETRACHLOROETHANE	0.3	µ g/l	1	BDL	BDL	BDL	BDL	BDL
1,2-DICHLOROETHANE	1	µ g/l	0.8	BDL	BDL	BDL	BDL	BDL
1,2 DICHLOROBENZENE	4.7	µ g/l	0.9	BDL	BDL	BDL	BDL	BDL
1,2 DICHLOROPROPANE	5	µ g/l	1	BDL	BDL	BDL	BDL	BDL
1,2(TRANS)-DICHLOROETHENE	2	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
1,3 DICHLOROBENZENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
1,4 DICHLOROBENZENE	4.7	µ g/l	1	BDL	BDL	BDL	BDL	BDL
TRANS 1,3 DICHLOROPROPENE	2	µ g/l	0.9	BDL	BDL	BDL	BDL	BDL
CIS 1,3 DICHLOROPROPENE	2	µ g/l	0.9	BDL	BDL	BDL	BDL	BDL
m,p-XYLENE	5	µ g/l	2.4	BDL	BDL	BDL	BDL	BDL
BROMOMETHANE	5	µ g/l	2.4	BDL	BDL	BDL	BDL	BDL
VINYL CHLORIDE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	0.6	BDL	BDL	BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	0.7	BDL	BDL	BDL	BDL	BDL
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l		BDL	BDL	BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.3	BDL	BDL	BDL	BDL	BDL
CHLOROETHANE	5	µ g/l	1.6	BDL	BDL	BDL	BDL	BDL
TOTAL VOCs	100	µ g/l	0					

B - Analyte detected in the associated Method Blank

H - Sample received / analyzed outside method allowable holding time

C - Calibration %RSD/%D exceeded for non-CCC analytes