

EDWARD P. MANGANO
COUNTY EXECUTIVE



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

SHILA SHAH-GAVNOUDIAS, P.E.
COMMISSIONER



December 29, 2011

Cynthia Whitfield, P.E.
Environmental Engineer II
NYS Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control
625 Broadway
Albany, New York 12233

Re: Monthly Effluent Monitoring Reports 2011
Nassau County Mitchel Field Remedial Action
(AKA Purex), Site # 1-30-014

Dear Ms. Whitfield:

Attached is the October 2011 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 report, please contact Mr. Michael Flaherty, Hydrogeologist III, at (516) 571-7514.

Very truly yours,

A handwritten signature in blue ink, appearing to read "J. Davenport".

Joseph L. Davenport, P.E.
Chief Sanitary Engineer
Unit Head, Water/Wastewater Engineering Unit

JLD:cs
Attachment

c: Kenneth G. Arnold, Assistant to Commissioner of Public Works
Joseph N. Walker, Assistant Superintendent of Water Supply
Michael Flaherty, Hydrogeologist III
William Spitz, Region 1, NYSDEC

OUTFALL 001G

MONTHLY EFFLUENT MONITORING REPORT

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1 10/3/2011	WEEK 2 10/10/2011	WEEK 3 10/17/2011	WEEK 4 10/24/2011	WEEK 5 10/31/2011
FLOW, DAILY MAX	MONITOR 6.5-8.5	CPD	NA	100,800	100,800	100,800	100,800	100,800
pH	4.7	su		6.40	6.71	6.53	6.77	6.12
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	1.0	BDL	BDL	BDL	BDL	BDL
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	1.0	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	1.0	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	1.0	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