EDWARD P. MANGANO
COUNTY EXECUTIVE

SHILA SHAH-GAVNOUDIAS, P.E.
COMMISSIONER

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

December 30, 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 August 2011 Monthly Effluent Monitoring Report for the groundwater remediation at the Purex Mitchel Field Remedial Action in Garden City, New York. The treatment system was offline for the entire month due to a crack in the effluent pipe, leaving the vault from recovery well W-383D. The treatment system has been repaired and offsite groundwater treatment resumed on September 8, 2011.

If you have any questions concerning the monthly monitoring report, please contact Mr. Michael Flaherty, Hydrogeologist III, at (516) 571-7514.

Very truly yours,

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

NASSAU COUNTY MITCHEL FIELD REMEDIAL ACTION **AUGUST 2011**

MONTHLY EFFLUENT MONITORING REPORT **OUTFALL 001G**

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMP'T MDL	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA					
pH	6.5-8.5	su						
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					
CARBON TETRACHLORIDE	5	µ g/l	1.3					
BROMOFORM	50	µ g/l	0.7					
DIBROMOCHLOROMETHANE	50	µ g/l	0.7					
CHLOROFORM	0.2	µ g/l	1.1					
TOLUENE	5	µ g/l	1.2					
BENZENE	0.7	µ g/l	0.7					
CHLOROBENZENE	5	µ g/l	1.2					
ETHYLBENZENE	5	µ g/l	1.2					
METHYLENE CHLORIDE	5	µ g/l	1.0					
TETRACHLOROETHENE	0.5	µ g/l	1.2					
TRICHLOROFLUOROMETHANE	5	µ g/l	1.2					
1,1-DICHLOROETHANE	5	µ g/l	1.1					
1,1-DICHLOROETHENE	0.9	µ g/l	1.2					
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4					
1,1,2-TRICHLOROETHANE	0.5	µ g/l	0.9					
1,1,2,2 TETRACHLOROETHANE	0.3	µ g/l	1.0					
1,2-DICHLOROETHANE	1	µ g/l	0.8					
1,2 DICHLOROBENZENE	4.7	µ g/l	0.9					
1,2 DICHLOROPROPANE	5	µ g/l	1.0					
1,2(TRANS)-DICHLOROETHENE	2	µ g/l	1.1					
1,3 DICHLOROBENZENE	5	µ g/l	1.1					
1,4 DICHLOROBENZENE	4.7	µ g/l	1.0					
TRANS 1,3 DICHLOROPROPENE	2	µ g/l	0.9					
CIS 1,3 DICHLOROPROPENE	2	µ g/l	0.9					
m,p-XYLENE	5	µ g/l	2.4					
BROMOMETHANE	5	µ g/l	2.4					
VINYL CHLORIDE	5	µ g/l	1.1					
TRICHLOROETHENE	10	µ g/l	0.6					
1,2(CIS)-DICHLOROETHENE	5	µ g/l	0.7					
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l						
o-XYLENE	5	µ g/l	1.3					
CHLOROETHANE	5	µ g/l	1.6					
TOTAL VOCs	100	µ g/l	0					

B - Analyte detected in the associated Method Blank