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

May 17, 2011

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 2011
Nassau County Mitchel Field Remedial Action
(AKA Purex), Site # 1-30-014

Ladies and Gentlemen:

Attached is the January 2011 Monthly Effluent Monitoring Report for the groundwater remediation at the Purex Mitchel Field Remedial Action in Garden City, New York. Please note that the treatment system was off line for the first two weeks of the month, due to vacations and staffing issues. Normal operations resumed the week of January 17, 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:je
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 **JANUARY 2011**

MONTHLY EFFLUENT MONITORING REPORT **OUTFALL 001G**

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMP'T MDL	WEEK 1	WEEK 2	WEEK 3 1/17/2011	WEEK 4 1/24/2011	WEEK 5 1/31/2011
FLOW, DAILY MAX	MONITOR	GPD	NA			380,125	416,600	416,600
pH	6.5-8.5	su		PLANT OFFLINE	PLANT OFFLINE	7.33 H	5.98 H	7.08 H
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
CARBON TETRACHLORIDE	5	µ g/l	1.3			BDL	BDL	BDL
BROMOFORM	50	µ g/l	0.7			BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	0.7			BDL	BDL	BDL
CHLOROFORM	0.2	µ g/l	1.1			BDL	BDL	BDL
TOLUENE	5	µ g/l	1.2			BDL	BDL	BDL
BENZENE	0.7	µ g/l	0.7			BDL	BDL	BDL
CHLOROBENZENE	5	µ g/l	1.2			BDL	BDL	BDL
ETHYLBENZENE	5	µ g/l	1.2			BDL	BDL	BDL
METHYLENE CHLORIDE	5	µ g/l	1.0			BDL	BDL	BDL
TETRACHLOROETHENE	0.5	µ g/l	1.2			BDL	BDL	BDL
TRICHLOROFLUOROMETHANE	5	µ g/l	1.2			BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.1			BDL	BDL	BDL
1,1-DICHLOROETHENE	0.9	µ g/l	1.2			BDL	BDL	BDL
1,1,1-TRICHLOROETHANE	5	µ g/l	1.4			BDL	BDL	BDL
1,1,2-TRICHLOROETHANE	0.5	µ g/l	0.9			BDL	BDL	BDL
1,1,2,2 TETRACHLOROETHANE	0.3	µ g/l	1.0			BDL	BDL	BDL
1,2-DICHLOROETHANE	1	µ g/l	0.8			BDL	BDL	BDL
1,2 DICHLOROBENZENE	4.7	µ g/l	0.9			BDL	BDL	BDL
1,2 DICHLOROPROPANE	5	µ g/l	1.0			BDL	BDL	BDL
1,2(TRANS)-DICHLOROETHENE	2	µ g/l	1.1			BDL	BDL	BDL
1,3 DICHLOROBENZENE	5	µ g/l	1.1			BDL	BDL	BDL
1,4 DICHLOROBENZENE	4.7	µ g/l	1.0			BDL	BDL	BDL
TRANS 1,3 DICHLOROPROPENE	2	µ g/l	0.9			BDL	BDL	BDL
CIS 1,3 DICHLOROPROPENE	2	µ g/l	0.9			BDL	BDL	BDL
m,p-XYLENE	5	µ g/l	2.4			BDL	BDL	BDL
BROMOMETHANE	5	µ g/l	2.4			BDL	BDL	BDL
VINYL CHLORIDE	5	µ g/l	1.1			BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	0.6			BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	0.7			BDL	BDL	BDL
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l				BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.3			BDL	BDL	BDL
CHLOROETHANE	5	µ g/l	1.6			BDL	BDL	BDL
TOTAL VOCs	100	µ g/l	0					

H - Sample received / analyzed outside method allowable holding time