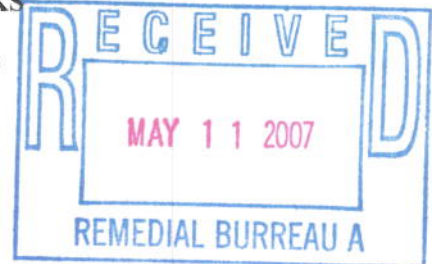




COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1194 PROSPECT AVENUE
WESTBURY, NEW YORK 11590-2723



April 27, 2007

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 Reports / June - December 2006
Nassau County Mitchel Field Remedial Action
(AKA Purex), Site #1-30-014

Gentlemen:

Attached are the June through December 2006 Monthly Effluent Monitoring Reports 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. Joseph Walker, Assistant Superintendent of Water Supply at (516) 571-6980.

Very truly yours,

Kenneth G. Arnold
Sanitary Engineer IV

KGA:JNW:
Attachments

c: Joseph L. Davenport, Deputy Comm
Kenneth G. Arnold, Sanitary Engine
William Spitz, Region 1, NYSDEC

Me Q rpt in ^{Method} blank 15/28
2.8 ug/l - 23 ug/l Samples
no data on blank supplied

NASSAU COUNTY MITCHEL FIELD REMEDIAL ACTION
MONTHLY EFFLUENT MONITORING REPORT

JUNE 2006
OUTFALL 001G

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	COMPT MDL	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA	06/05/06	06/12/06	06/19/06	06/29/06	
pH	6.5-8.5	SU		7.41	6.74	6.83	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	
TRICHLOROETHENE	5	µ g/l	1.2	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHANE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	
1,1,1-TRICHLOROETHANE	0.9	µ g/l	1.2	BDL	BDL	BDL	BDL	
1,1,2-TRICHLOROETHANE	5	µ g/l	1.4	BDL	BDL	BDL	BDL	
1,1,2,2-TETRACHLOROETHANE	0.5	µ g/l	0.9	BDL	BDL	BDL	BDL	
1,2-DICHLOROETHANE	0.3	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,2-DICHLOROBENZENE	1	µ g/l	0.8	BDL	BDL	BDL	BDL	
1,2-DICHLOROPROPANE	4.7	µ g/l	0.9	BDL	BDL	BDL	BDL	
1,2(TRANS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,3-DICHLOROBENZENE	2	µ g/l	1.1	BDL	BDL	BDL	BDL	
1,4-DICHLOROBENZENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	
TRANS 1,3-DICHLOROPROPENE	4.7	µ g/l	1.0	BDL	BDL	BDL	BDL	
CIS 1,3-DICHLOROPROPENE	2	µ g/l	0.9	BDL	BDL	BDL	BDL	
m,p-XYLENE	2	µ g/l	0.9	BDL	BDL	BDL	BDL	
BROMOMETHANE	5	µ g/l	2.4	BDL	BDL	BDL	BDL	
VINYL CHLORIDE	5	µ g/l	2.4	BDL	BDL	BDL	BDL	
TRICHLOROETHENE	5	µ g/l	1.1	BDL	BDL	BDL	BDL	
1,2(CIS)-DICHLOROETHENE	10	µ g/l	0.6	BDL	BDL	BDL	BDL	
1,1,2-TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l	0.7	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

JULY 2006
OUTFALL 001G

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	REPORTING LIMIT	WEEK 1 07/03/06	WEEK 2 07/09/06	WEEK 3 07/17/06	WEEK 4 07/24/06	WEEK 5 07/31/06
FLOW, DAILY MAX	MONITOR	GPD	NA	6	6.58	6.49	6.7	6.45
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	1.0	BDL	BDL	BDL	BDL	BDL
DICHLOROBROMOMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
CARBON TETRACHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
BROMOFORM	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
DIBROMOCHLOROMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
CHLOROFORM	0.2	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
TOLUENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
BENZENE	0.7	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
CHLOROBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
ETHYLBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
METHYLENE CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
TETRACHLOROETHENE	0.5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
TRICHLOROFLUOROMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,1-DICHLOROETHENE	0.9	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,1,1-TRICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,1,2-TRICHLOROETHANE	0.5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	BDL
1,2-DICHLOROBENZENE	4.7	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	BDL
1,3-DICHLOROBENZENE	5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	BDL
CIS 1,3 DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
m,p-XYLENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
BROMOMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
VINYL CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
TRICHLOROETHENE	10	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
o-XYLENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
CHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	BDL
TOTAL VOCs	100	µ g/l	0.0	0.0	0.0	0.0	2.4	0.0

NASSAU COUNTY MITCHEL FIELD REMEDIAL ACTION
MONTHLY EFFLUENT MONITORING REPORT

AUGUST 2006
OUTFALL 001G

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	REPORTING LIMIT	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
FLOW, DAILY/MAX	MONITOR	GPD	NA	08/07/06	08/14/06	08/21/06	08/29/06	
pH	6.5-8.5	SU	NA	7.4	7.13	6.23	6.41	
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	1.0	BDL	BDL	BDL	BDL	
CARBON TETRACHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BROMOFORM	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
DIBROMOCHLOROMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROFORM	0.2	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOLUENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BENZENE	0.7	µ g/l	1.0	4.5	BDL	BDL	BDL	
CHLOROBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
ETHYLBENZENE	5	µ g/l	1.0	1.8	BDL	BDL	BDL	
METHYLENE CHLORIDE	5	µ g/l	1.0	7.4	7.6 "B"	16 "B"	23 "B"	
TETRACHLOROETHENE	0.5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROFLUOROMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHENE	0.9	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,1-TRICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2-TRICHLOROETHANE	0.5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,2 DICHLOROETHENE	4.7	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,3 DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,4 DICHLOROETHENE	4.7	µ g/l	1.0	3.7	BDL	BDL	BDL	
TRANS 1,3 DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL	BDL	
CIS 1,3 DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL	BDL	
m,p-XYLENE	5	µ g/l	1.0	5.8	BDL	BDL	BDL	
BROMOMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
VINYL CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROETHENE	10	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
o-XYLENE	5	µ g/l	1.0	2.6	BDL	BDL	BDL	
CHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOTAL VOCs	100	µ g/l	0.0	25.5	0.0	0.0	0.0	0.0

"B" Analyte detected in the associated Method Blank

How
Much?

NASSAU COUNTY MITCHEL FIELD REMEDIAL ACTION
MONTHLY EFFLUENT MONITORING REPORT

SEPTEMBER 2006
OUTFALL 001G

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	REPORTING LIMIT	WEEK 1 09/04/06	WEEK 2 09/11/06	WEEK 3 09/18/06	WEEK 4 09/25/06	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA	7.34	7.94	7.16	7.38	
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	1.0	BDL	BDL	BDL	BDL	
DICHLOROBROMOMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
CARBON TETRACHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BROMOFORM	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
DIBROMOCHLOROMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROFORM	0.2	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOLUENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BENZENE	0.7	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
ETHYLBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
METHYLENE CHLORIDE	5	µ g/l	1.0	BDL	19 "B"	17 "B"	10 "B"	
TETRACHLOROETHENE	0.5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROFLUOROMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHENE	0.9	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,1-TRICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2-TRICHLOROETHANE	0.5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,2-DICHLOROBENZENE	4.7	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,3 DICHLOROBENZENE	5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
CIS 1,3 DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL	BDL	
m,p-XYLENE	5	µ g/l	2.0	BDL	BDL	BDL	BDL	
BROMOMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
VINYL CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROETHENE	10	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
o-XYLENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOTAL VOCs	100	µ g/l	0.0	0.0	0.0	0.0	0.0	0.0

NASSAU COUNTY MITCHELL FIELD REMEDIAL ACTION
MONTHLY EFFLUENT MONITORING REPORT

OCTOBER 2006
OUTFALL 001G

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	REPORTING LIMIT	WEEK 1 10/02/06	WEEK 2 10/09/06	WEEK 3 10/16/06	WEEK 4 *	WEEK 5 *
FLOW, DAILY MAX	MONITOR	GPD	NA	7.26	5.99	6.1		
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	1.0	BDL	BDL	BDL		
CARBON TETRACHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL		
BROMOFORM	50	µ g/l	1.0	BDL	BDL	BDL		
DIBROMOCHLOROMETHANE	50	µ g/l	1.0	BDL	BDL	BDL		
CHLOROFORM	0.2	µ g/l	1.0	BDL	BDL	BDL		
TOLUENE	5	µ g/l	1.0	BDL	BDL	BDL		
BENZENE	0.7	µ g/l	1.0	BDL	BDL	BDL		
CHLOROBENZENE	5	µ g/l	1.0	BDL	BDL	BDL		
ETHYLBENZENE	5	µ g/l	1.0	BDL	BDL	BDL		
METHYLENE CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL		
TETRACHLOROETHENE	0.5	µ g/l	1.0	BDL	BDL	BDL		
TRICHLOROFLUOROMETHANE	5	µ g/l	1.0	BDL	BDL	BDL		
1,1-DICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL		
1,1-DICHLOROETHENE	0.9	µ g/l	1.0	BDL	BDL	BDL		
1,1,1-TRICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL		
1,1,2-TRICHLOROETHANE	0.5	µ g/l	1.0	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	1.0	BDL	BDL	BDL		
1,2-DICHLOROBENZENE	4.7	µ g/l	1.0	BDL	BDL	BDL		
1,2-DICHLOROPROPANE	5	µ g/l	1.0	BDL	BDL	BDL		
1,2(TRANS)-DICHLOROETHENE	2	µ g/l	1.0	BDL	BDL	BDL		
1,3-DICHLOROBENZENE	5	µ g/l	1.0	BDL	BDL	BDL		
1,4-DICHLOROBENZENE	4.7	µ g/l	1.0	BDL	BDL	BDL		
TRANS 1,3-DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL		
CIS 1,3-DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL		
m,p-XYLENE	5	µ g/l	2.0	BDL	BDL	BDL		
BROMOMETHANE	5	µ g/l	1.0	BDL	BDL	BDL		
VINYL CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL		
TRICHLOROETHENE	10	µ g/l	1.0	BDL	BDL	BDL		
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL		
1,1,2-TRICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL		
o-XYLENE	5	µ g/l	1.0	BDL	BDL	BDL		
CHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL		
TOTAL VOCs	100	µ g/l	0.0	0.0	0.0	0.0	0.0	0.0

* Plant shut down between 10/16 and 11/6 for packed tower rehabilitation.

"B" Analyte detected in the associated Method Blank

NASSAU COUNTY MITCHELL FIELD REMEDIAL ACTION
MONTHLY EFFLUENT MONITORING REPORT

NOVEMBER 2006
OUTFALL 001G

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	REPORTING LIMIT	WEEK 1 11/06/06	WEEK 2 11/13/06	WEEK 3 11/20/06	WEEK 4 11/27/06	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA	6.76	7.1	6.68	6.02	
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	1.0	BDL	BDL	BDL	BDL	
CARBON TETRACHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BROMOFORM	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
DIBROMOCHLOROMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROFORM	0.2	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOLUENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BENZENE	0.7	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
ETHYLBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
METHYLENE CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TETRACHLOROETHENE	0.5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROFLUOROMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHENE	0.9	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,1-TRICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2-TRICHLOROETHANE	0.5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,2-DICHLOROBENZENE	4.7	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,3-DICHLOROBENZENE	5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
CIS 1,3-DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL	BDL	
m,p-XYLENE	5	µ g/l	2.0	BDL	BDL	BDL	BDL	
BROMOMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
VINYL CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROETHENE	10	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
o-XYLENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOTAL VOCs	100	µ g/l	0.0	0.0	0.0	6.3	0.0	0.0

NASSAU COUNTY MITCHEL FIELD REMEDIAL ACTION
MONTHLY EFFLUENT MONITORING REPORT

DECEMBER 2006
OUTFALL 001G

EFFLUENT PARAMETER	DISCHARGE LIMITATIONS	UNITS	REPORTING LIMIT	WEEK 1 12/04/06	WEEK 2 12/11/06	WEEK 3 12/18/06	WEEK 4 12/26/06	WEEK 5
FLOW, DAILY MAX	MONITOR	GPD	NA	6.48	6.81	6.71	6.45	
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	1.0	BDL	BDL	BDL	BDL	
DICHLOROBROMOMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
CARBON TETRACHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BROMOFORM	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
DIBROMOCHLOROMETHANE	50	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROFORM	0.2	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOLUENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
BENZENE	0.7	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
ETHYLBENZENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
METHYLENE CHLORIDE	5	µ g/l	1.0	2.8 "B"	4.5 "B"	14 "B"	4.6 "P"	
TETRACHLOROETHENE	0.5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROFLUOROMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1-DICHLOROETHENE	0.9	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,1-TRICHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2-TRICHLOROETHANE	0.5	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,2-DICHLOROETHENE	4.7	µ g/l	1.0	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	1.0	BDL	BDL	BDL	BDL	
1,3-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,4-DICHLOROETHENE	4.7	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRANS 1,3 DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL	BDL	
CIS 1,3 DICHLOROPROPENE	2	µ g/l	1.0	BDL	BDL	BDL	BDL	
m,p-XYLENE	5	µ g/l	2.0	BDL	BDL	BDL	BDL	
BROMOMETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
VINYL CHLORIDE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TRICHLOROETHENE	10	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,2(CIS)-DICHLOROETHENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
1,1,2 TRICHLORO 1,2,2 TRIFLUOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
o-XYLENE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
CHLOROETHANE	5	µ g/l	1.0	BDL	BDL	BDL	BDL	
TOTAL VOCs	100	µ g/l	0.0	0.0	0.0	0.0	0.0	0.0