

APPENDIX A
ANALYTICAL DATA

A-1

Groundwater Results - All Events

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	IW-01D-20130517	IW-01D-20131023	IW-01D-20131219	IW-01S-20130520	IW-01S-20131219	GW-MW18D-70
Sample Date:	05/17/2013	10/23/2013	12/19/13	05/20/2013	12/19/13	7/16/2012
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 UJ	5 U	0.5 U	25 U	0.5 U
1,1-Dichloroethane	0.5 U	0.42 J	5 U	1.2	25 U	0.5 U
1,1-Dichloroethene	7	0.5 U	5 U	0.5 U	25 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	5 U	0.5 U	25 UJ	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	5 U	0.5 U	25 UJ	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,2-Dichloroethene (cis)	6.4	280	60	7.8	40	5
1,2-Dichloroethene (trans)	0.5 U	1.4	5 U	0.5 U	25 U	0.6
1,2-Dichloropropane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
2-Butanone	5 U	5 U	44	5 U	250	5 U
2-Hexanone	5 U	5 U	10 U	5 U	50 U	5 U
4-Methyl-2-pentanone	5 U	5 U	10 U	5 U	50 U	5 U
Acetone	10 U	5 U	68	10 U	50 U	5 U
Benzene	8.4	1.1	5 U	2.1	25 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Bromoform	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Bromomethane	0.5 UL	0.5 U	5 U	0.5 UL	25 U	0.5 UL
Carbon Disulfide	0.5 U	0.27 J	5 U	0.5 U	25 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Chloroethane	0.5 U	0.5 U	4 J	0.5 U	25 U	0.5 U
Chloroform	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Chloromethane	0.5 UL	0.5 U	3 J	0.5 UL	25 U	2.1
cis-1,3-Dichloropropene	0.5 U	0.5 UJ	5 U	0.5 U	25 U	0.5 U
Cyclohexane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
M/p-xylene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Methyl Acetate	1 U	19	5 U	1 U	25 U	0.5 U
Methyl Tert-butyl Ether	0.5 U	0.26 J	5 U	0.5 U	25 U	19
Methylcyclohexane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
O-xylene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Styrene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Tetrachloroethene	9800	96	5 U	6.4	75	0.5 U
Toluene	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 UJ	5 U	0.5 U	25 U	0.5 U
Trichloroethene	400	19	5 U	0.61	11 J	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	5 U	0.5 U	25 U	0.5 U
Vinyl Chloride	3.5	15	5.5	0.77	25 U	0.5 U
METABOLIC ACIDS	mg/L	mg/L	mg/L	mg/L	mg/L	
Acetic Acid	0.14	170	210	0.59	3100	NA
Butyric Acid	0.05 U	8.2	91	0.084	1700	NA
Lactic Acid	0.15	11	7.7 J	0.13	1100	NA
Propionic Acid	0.027 J	85	140	0.03 J	1400	NA
DISSOLVED GASES	ug/L	ug/L	ug/L	ug/L	ug/L	
Acetylene	5.2	0.5 U	0.5 U	0.5 U	0.096 J	NA
Ethane	7	1.4	0.72	0.26	4.9	NA
Ethene	4.7	0.77	0.61	0.47	1.4	NA
Methane	64	92	7000	3	4800	NA
TOC	mg/L	mg/L	mg/L	mg/L	mg/L	
	10.4	175	222	2.1	7760	NA

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	MW-18D-20130515	MW-18D-20131022	MW-18D-20131217	GW-MW18S-12	MW-18S-20130514	MW-18S-20131217
Sample Date:	05/15/2013	10/22/2013	12/17/13	7/16/2012	05/14/2013	12/17/13
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,2-Dichloroethene (cis)	2.5	14	13	0.5 U	0.5 U	5 U
1,2-Dichloroethene (trans)	0.5 U	4.8	5.7	0.5 U	0.5 U	5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	10 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	10 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	10 U
Acetone	10 U	5 U	5 U	12	10 U	10 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Bromomethane	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 UL	5 U
Carbon Disulfide	0.5 U	0.29 J	0.29 J	0.5 U	0.5 U	5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Chloromethane	0.5 UL	0.5 U	0.5 U	2.5	0.5 UL	5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
M/p-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Methyl Acetate	1 U	0.5 U	0.5 U	0.5 U	1 U	5 U
Methyl Tert-butyl Ether	17	31	16	0.5 U	0.5 U	5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
O-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Tetrachloroethene	0.85	0.5 U	0.5 U	3.8	26	410
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7 J
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
Vinyl Chloride	0.51	1.4	0.5 U	0.5 U	0.5 U	5 U
METABOLIC ACIDS						
Acetic Acid	NA	NA	NA	NA	NA	NA
Butyric Acid	NA	NA	NA	NA	NA	NA
Lactic Acid	NA	NA	NA	NA	NA	NA
Propionic Acid	NA	NA	NA	NA	NA	NA
DISSOLVED GASES						
Acetylene	NA	NA	NA	NA	NA	NA
Ethane	NA	NA	NA	NA	NA	NA
Ethene	NA	NA	NA	NA	NA	NA
Methane	NA	NA	NA	NA	NA	NA
TOC						
	NA	NA	NA	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW21D-63	MW-21D-20130513	GW-MW21S-13	MW-21S-20130513	GW-MW27D-70	MW-27D-20130516
Sample Date:	7/16/2012	05/13/2013	7/16/2012	05/13/2013	7/18/2012	05/16/2013
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	1.9 U	2.1	0.5 U	0.5 U	110	88
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.65
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	1.7	160	2.9	1.7	2600	1300
1,2-Dichloroethene (trans)	0.71 U	3.3	0.5 U	0.5 U	78 J	30
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.72	0.5
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5	10 U	5.2	10 U	5 U	10 U
Benzene	4 U	6.2	0.5 U	0.5 U	73	82
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.57 L	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	13	3
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.85	0.88	0.5 U	0.5 U
Chloromethane	3.1	0.5 U	2.1	0.5 U	18	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.93	0.98
Methyl Acetate	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.84
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.57	0.6
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	2600	2000	130K K	360	31000	22000
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	1.2	1.2
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	230	700	2	1.1 K	6300	4000
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	1.4 U	1.7	0.5 U	0.5 U	300	79
METABOLIC ACIDS						mg/L
Acetic Acid	NA	NA	NA	NA	NA	0.28
Butyric Acid	NA	NA	NA	NA	NA	0.088
Lactic Acid	NA	NA	NA	NA	NA	0.1
Propionic Acid	NA	NA	NA	NA	NA	0.03 J
DISSOLVED GASES						ug/L
Acetylene	NA	NA	NA	NA	NA	0.33 J
Ethane	NA	NA	NA	NA	NA	1.9
Ethene	NA	NA	NA	NA	NA	6.8
Methane	NA	NA	NA	NA	NA	24
TOC						mg/L
	NA	NA	NA	NA	NA	1.3

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	MW-27D-20131219	GW-MW27S-25	MW-27S-20130516	MW-27S-20131219	OW-1S-20130516	OW-1S-20131219
Sample Date:	12/19/13	7/18/2012	05/16/2013	12/19/13	05/16/2013	12/19/13
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,1-Dichloroethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,1-Dichloroethene	100 J	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2-Dibromoethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2-Dichloroethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	1200	1.2	0.96	16	0.5 U	0.5 U
1,2-Dichloroethene (trans)	21 J	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,2-Dichloropropane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
2-Butanone	10 U	5 U	5 U	6.2 J	5 U	5 U
2-Hexanone	10 U	5 U	5 U	10 U	5 U	5 U
4-Methyl-2-pentanone	10 U	5 U	5 U	10 U	5 U	5 U
Acetone	10 U	5 U	10 U	29	10 U	5 U
Benzene	96	2.3	0.5 U	5.8	0.5 U	0.5 U
Bromochloromethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Bromodichloromethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Bromoform	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Bromomethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Carbon Disulfide	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Carbon Tetrachloride	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Chlorobenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Chloroethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Chloroform	5 U	0.5 U	0.5 U	5 U	1.6	0.5 U
Chloromethane	5 U	1.5	0.5 U	5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Cyclohexane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Dibromochloromethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Ethylbenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Isopropylbenzene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
M/p-xylene	2 J	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Methyl Acetate	5 U	0.5 U	1 U	5 U	1 U	0.5 U
Methyl Tert-butyl Ether	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Methylcyclohexane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Methylene Chloride	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
O-xylene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Styrene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Tetrachloroethene	36000	1.2	39	5 U	0.5 U	0.71
Toluene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Trichloroethene	4800	0.78	4.9	5 U	0.5 U	0.5 U
Trichlorofluoromethane	5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Vinyl Chloride	110	0.5 U	0.5 U	5 U	0.5 U	0.5 U
METABOLIC ACIDS	mg/L		mg/L	mg/L	mg/L	mg/L
Acetic Acid	0.7	NA	0.088	25	0.078	0.11
Butyric Acid	0.12	NA	0.05 U	6.5	0.05 U	0.059
Lactic Acid	0.21	NA	0.29	0.88 J	0.14	0.12
Propionic Acid	0.14	NA	0.05 U	14	0.05 U	0.066
DISSOLVED GASES	ug/L		ug/L	ug/L	ug/L	ug/L
Acetylene	0.31 J	NA	0.5 U	0.5 U	0.5 U	0.5 U
Ethane	6	NA	0.012 J	0.0076 J	0.079	0.031
Ethene	14	NA	0.043	0.13	0.058	0.018 J
Methane	78	NA	2.5	8000	3.8	0.5
TOC	mg/L		mg/L	mg/L	mg/L	mg/L
	4.8	NA	1.6	47	2.7	1.6

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	PW-01D-20130516	PW-01D-20131024	PW-01D-20131218	TW-01D-20130616	TW-01D-20130616-D	TW-01D-20131023
Sample Date:	05/16/2013	10/24/2013	12/18/13	05/16/2013	05/16/2013	10/23/2013
Duplicate of:					TW-01D-20130616	
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	1.3	1.2	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	23	23	21 J
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.79	0.73	1 J
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-Dichloroethene (cis)	0.5 U	60	44	25	24	350 J
1,2-Dichloroethene (trans)	0.5 U	0.26 J	0.35 J	0.68	0.69	26 J
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.59 J
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 R
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 R
Acetone	10 U	5 U	5 U	10 U	10 U	5 U
Benzene	1.1	5.5	1.9	3.9	3.9	1.4 J
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 UL	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9 J
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	0.5 UL	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.5 U	0.5 U	0.87	0.86	1 J
Methyl Acetate	1 U	0.5 U	0.5 U	1 U	1 U	0.5 UJ
Methyl Tert-butyl Ether	1.7	7.9	6.5	1.3	1.4	3.1 J
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
O-xylene	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.57 J
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	20	11	25	47000	43000	74000
Toluene	0.5 U	0.33 J	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.7	8.5	16	2600	2300	1100 J
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
Vinyl Chloride	0.5 U	0.97	0.74	2.6	2.6	2.6 J
METABOLIC ACIDS	mg/L	mg/L	mg/L			
Acetic Acid	0.74	0.19	0.043 J	NA	NA	NA
Butyric Acid	0.083	0.054	0.05 U	NA	NA	NA
Lactic Acid	0.092 J	0.2	0.073 J	NA	NA	NA
Propionic Acid	0.11	0.02 J	0.05 U	NA	NA	NA
DISSOLVED GASES	ug/L	ug/L	ug/L			
Acetylene	0.5 U	0.5 U	0.5 U	NA	NA	NA
Ethane	6.7	1.1	0.74	NA	NA	NA
Ethene	1.6	0.18	0.13	NA	NA	NA
Methane	85	120	390	NA	NA	NA
TOC	mg/L	mg/L	mg/L			
	3.1	1.7	1.1	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-01D-20131220	TW-01S-20130517	TW-01S-20131217	TW-02D-20130515	TW-02D-20131022	TW-02D-20131219
Sample Date:	12/20/13	05/17/2013	12/17/13	05/15/2013	10/22/2013	12/19/13
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,1,2,2-Tetrachloroethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,1,2-Trichloro-1,2,2-trifluoroethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,1,2-Trichloroethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,1-Dichloroethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,1-Dichloroethene	100 U	0.5 U	0.5 U	29	56 J	100 U
1,2,3-Trichlorobenzene	100 UJ	0.5 U	0.5 U	0.5 U	0.5 U	100 UJ
1,2,4-Trichlorobenzene	100 UJ	0.5 U	0.5 U	0.5 U	0.5 U	100 UJ
1,2-Dibromo-3-chloropropane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,2-Dibromoethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,2-Dichlorobenzene	100 U	0.5 U	0.5 U	0.5 U	0.84	100 U
1,2-Dichloroethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,2-Dichloroethene (cis)	920	0.5 U	0.5 U	49	1200	3000
1,2-Dichloroethene (trans)	100 U	0.5 U	0.5 U	1.7	21 J	100 U
1,2-Dichloropropane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,3-Dichlorobenzene	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
1,4-Dichlorobenzene	100 U	0.5 U	0.5 U	0.5 U	0.56	100 U
2-Butanone	200 U	5 U	5 U	5 U	5 U	200 U
2-Hexanone	200 U	5 U	5 U	5 U	5 R	200 U
4-Methyl-2-pentanone	200 U	5 U	5 U	5 U	5 R	200 U
Acetone	200 U	10 U	5 U	10 U	5.5	200 U
Benzene	100 U	0.5 U	0.5 U	33	54	100 U
Bromochloromethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Bromodichloromethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Bromoform	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Bromomethane	100 U	0.5 UL	0.5 U	0.5 U	0.5 U	100 U
Carbon Disulfide	100 U	0.5 U	0.5 U	0.5 U	2.3	100 U
Carbon Tetrachloride	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Chlorobenzene	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Chloroethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Chloroform	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Chloromethane	100 U	0.5 UL	0.5 U	0.5 U	0.5 U	100 U
cis-1,3-Dichloropropene	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Cyclohexane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Dibromochloromethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Dichlorodifluoromethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Ethylbenzene	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Isopropylbenzene	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
M/p-xylene	100 U	0.5 U	0.5 U	0.56	0.9	100 U
Methyl Acetate	100 U	1 U	0.5 U	1 U	0.5 U	100 U
Methyl Tert-butyl Ether	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Methylcyclohexane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Methylene Chloride	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
O-xylene	100 U	0.5 U	0.5 U	0.5 U	0.49 J	100 U
Styrene	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Tetrachloroethene	1700	0.77	0.22 J	13000	25000	2300
Toluene	100 U	0.5 U	0.5 U	0.86	0.6	100 U
trans-1,3-Dichloropropene	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Trichloroethene	610	0.5 U	0.5 U	1400	3000	1500
Trichlorofluoromethane	100 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U
Vinyl Chloride	100 U	0.5 U	0.5 U	6	14	100 U
METABOLIC ACIDS						
Acetic Acid	NA	NA	NA	NA	NA	NA
Butyric Acid	NA	NA	NA	NA	NA	NA
Lactic Acid	NA	NA	NA	NA	NA	NA
Propionic Acid	NA	NA	NA	NA	NA	NA
DISSOLVED GASES						
Acetylene	NA	NA	NA	NA	NA	NA
Ethane	NA	NA	NA	NA	NA	NA
Ethene	NA	NA	NA	NA	NA	NA
Methane	NA	NA	NA	NA	NA	NA
TOC						
	NA	NA	NA	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-02S-20130515	TW-02S-20131217	TW-03D-20130514	TW-03D-20131023	TW-03D-20131023-D	TW-03D-20131218
Sample Date:	05/15/2013	12/17/13	05/14/2013	10/23/2013	10/23/2013	12/18/13
Duplicate of:					TW-03D-20131023	
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	2.4	16	17	19	21
1,2-Dichloroethene (trans)	0.5 U	0.5 U	1	1.2	1.3	1.5
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10 U	5 U	36	5 U	5 U	5 U
Benzene	0.5 U	0.5 U	0.5 U	0.83	0.88	0.9
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.69	1.7	1.8	0.22 J
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	0.5 UL	0.5 U	0.5 U	0.5 U	0.27 J	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	0.5 U	0.36 J	54	1.6 J	1.6 J	0.36 J
Toluene	0.5 U	0.5 U	1.2	0.31 J	0.31 J	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	1.6	2.7	2.9	4.1
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METABOLIC ACIDS			mg/L	mg/L	mg/L	mg/L
Acetic Acid	NA	NA	4.3	0.25	0.24	0.066 J
Butyric Acid	NA	NA	0.05 U	0.05	0.05 U	0.05 U
Lactic Acid	NA	NA	0.065 J	0.062 J	0.12	0.048 J
Propionic Acid	NA	NA	0.05 U	0.063	0.039 J	0.05 U
DISSOLVED GASES			ug/L	ug/L	ug/L	ug/L
Acetylene	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U
Ethane	NA	NA	34	31	31	34
Ethene	NA	NA	1.9	2.2	2.2	1
Methane	NA	NA	140	130	130	150
TOC			mg/L	mg/L	mg/L	mg/L
	NA	NA	3	1.9	1.4	1 U

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-03S-20130514	TW-03S-20131218	TW-04D-20130515	TW-04D-20131022	TW-04D-20131217	TW-04S-20130515
Sample Date:	05/14/2013	12/18/13	05/15/2013	10/22/2013	12/17/13	05/15/2013
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	1.5	1	1.7	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	1.1	0.81	0.53	1.9	0.5 U
1,2-Dichloroethene (trans)	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10 U	5 U	10 U	5 U	5 U	10 U
Benzene	0.5 U	0.5 U	9.6	7.4	8.9	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 UL
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.56
Chloromethane	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 UL
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	23	16	18	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	0.5 U	1.7	8	3.3	0.96	1.1
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.35 J	0.56	0.28 J	0.33 J	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U
METABOLIC ACIDS	mg/L	mg/L				
Acetic Acid	0.027 J	0.68	NA	NA	NA	NA
Butyric Acid	0.05 U	0.23	NA	NA	NA	NA
Lactic Acid	0.073 J	0.067 J	NA	NA	NA	NA
Propionic Acid	0.05 U	0.37	NA	NA	NA	NA
DISSOLVED GASES	ug/L	ug/L				
Acetylene	0.5 U	0.5 U	NA	NA	NA	NA
Ethane	0.0082 J	0.16	NA	NA	NA	NA
Ethene	0.018 J	0.019 J	NA	NA	NA	NA
Methane	0.63	20	NA	NA	NA	NA
TOC	mg/L	mg/L				
	1.5	2.1	NA	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-04S-20131217	TW-05D-20130515	TW-05D-20131024	TW-05D-20131219	TW-06D-20130513	TW-06D-20131023
Sample Date:	12/17/13	05/15/2013	10/24/2013	12/19/13	05/13/2013	10/23/2013
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	5.3	25 U	50 U	38	57 J
1,2,3-Trichlorobenzene	0.5 U	0.5 U	25 U	50 UJ	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	25 U	50 UJ	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	25 U	50 U	1.4	1.7
1,2-Dichloroethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	140	260	480	25	350 J
1,2-Dichloroethene (trans)	0.5 U	9.2	25 U	50 U	1	14 J
1,2-Dichloropropane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	25 U	50 U	0.75	0.89
2-Butanone	5 U	5 U	250 U	100 U	5 U	5 U
2-Hexanone	5 U	5 U	250 U	100 U	5 U	5 R
4-Methyl-2-pentanone	5 U	5 U	250 U	100 U	5 U	5 R
Acetone	5 U	10 U	250 U	100 U	10 U	5 U
Benzene	0.5 U	4.1	25 U	50 U	19	34
Bromochloromethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	25 U	50 U	0.5 U	2.2
Carbon Tetrachloride	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Chloromethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	25 U	50 U	0.5 U	0.38 J
Isopropylbenzene	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.5 U	25 U	50 U	1.1	1.6
Methyl Acetate	0.5 U	1 U	25 U	50 U	1 U	0.5 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	25 U	50 U	0.5 U	0.32 J
O-xylene	0.5 U	0.5 U	25 U	50 U	0.64	0.92
Styrene	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Tetrachloroethene	1.4	2500	360	69	80000	58000
Toluene	0.5 U	0.5 U	25 U	50 U	0.69	0.65
trans-1,3-Dichloropropene	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Trichloroethene	0.5 U	590	250	120	2200	2200 J
Trichlorofluoromethane	0.5 U	0.5 U	25 U	50 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	1.7	25 U	50 U	6.6	14
METABOLIC ACIDS						
Acetic Acid	NA	NA	NA	NA	NA	NA
Butyric Acid	NA	NA	NA	NA	NA	NA
Lactic Acid	NA	NA	NA	NA	NA	NA
Propionic Acid	NA	NA	NA	NA	NA	NA
DISSOLVED GASES						
Acetylene	NA	NA	NA	NA	NA	NA
Ethane	NA	NA	NA	NA	NA	NA
Ethene	NA	NA	NA	NA	NA	NA
Methane	NA	NA	NA	NA	NA	NA
TOC						
	NA	NA	NA	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-06D-20131220	TW-07D-20130514	TW-07D-20130514-D	TW-07D-20131023	TW-07D-20131218
Sample Date:	12/20/13	05/14/2013	05/14/2013	10/23/2013	12/18/13
Duplicate of:			TW-07D-20130514		
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	2500 U	4	4.2	0.5 U	0.5 U
1,2,3-Trichlorobenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	2500 U	3.4	3.4	8	2.8
1,2-Dichloroethene (trans)	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5000 U	5 U	5 U	5 U	5 U
2-Hexanone	5000 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5000 U	5 U	5 U	5 U	5 U
Acetone	5000 U	14	10 U	5 U	5 U
Benzene	2500 U	0.83	0.87	0.5 U	0.5 U
Bromochloromethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	2500 U	0.5 U	0.5 U	0.28 J	0.21 J
Carbon Tetrachloride	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	2500 U	1 U	1 U	0.5 U	0.5 U
Methyl Tert-butyl Ether	2500 U	0.5 U	0.5 U	0.57	0.69
Methylcyclohexane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	2500 U	0.5 U	0.5 U	0.25 J	0.5 U
O-xylene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	63000	4400	4200	5.6	16
Toluene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	3000	280	260	0.93	1.6
Trichlorofluoromethane	2500 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2500 U	1.5	1.5	7.7	8.3 J
METABOLIC ACIDS		mg/L	mg/L	mg/L	mg/L
Acetic Acid	NA	4.9	4.5	0.18	0.11
Butyric Acid	NA	0.05 U	0.05 U	0.05 U	0.081
Lactic Acid	NA	0.056 J	0.049 J	0.089 J	0.073 J
Propionic Acid	NA	0.085	0.25	0.046 J	0.077
DISSOLVED GASES		ug/L	ug/L	ug/L	ug/L
Acetylene	NA	1.7	1.7	0.5 U	0.5 U
Ethane	NA	17	17	0.23	0.2
Ethene	NA	14	14	0.58	0.54
Methane	NA	190	170	11	15
TOC		mg/L	mg/L	mg/L	mg/L
	NA	3.1	3.1	1 U	1 U

DATA SUMMARY OF ANALYTICAL RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-08D-20130514	TW-08D-20131218	TW-08D-20131218-D
Sample Date:	05/14/2013	12/18/13	12/18/13
Duplicate of:			TW-08D-20131218
VOLATILES	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	250 U	250 U
1,1,2,2-Tetrachloroethane	0.5 U	250 U	250 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	250 U	250 U
1,1,2-Trichloroethane	0.5 U	250 U	250 U
1,1-Dichloroethane	0.5 U	250 U	250 U
1,1-Dichloroethene	28	250 U	250 U
1,2,3-Trichlorobenzene	0.5 U	89 J	250 U
1,2,4-Trichlorobenzene	0.5 U	250 U	250 U
1,2-Dibromo-3-chloropropane	0.5 U	250 U	250 U
1,2-Dibromoethane	0.5 U	250 U	250 U
1,2-Dichlorobenzene	0.5 U	250 U	250 U
1,2-Dichloroethane	0.5 U	250 U	250 U
1,2-Dichloroethene (cis)	44	650	600
1,2-Dichloroethene (trans)	4.6	250 U	250 U
1,2-Dichloropropane	0.5 U	250 U	250 U
1,3-Dichlorobenzene	0.5 U	250 U	250 U
1,4-Dichlorobenzene	0.5 U	250 U	250 U
2-Butanone	5 U	500 U	500 U
2-Hexanone	5 U	500 U	500 U
4-Methyl-2-pentanone	5 U	500 U	500 U
Acetone	10 U	500 U	500 U
Benzene	26	250 U	250 U
Bromochloromethane	0.5 U	250 U	250 U
Bromodichloromethane	0.5 U	250 U	250 U
Bromoform	0.5 U	250 U	250 U
Bromomethane	0.5 U	250 U	250 U
Carbon Disulfide	0.5 U	250 U	250 U
Carbon Tetrachloride	0.5 U	250 U	250 U
Chlorobenzene	0.5 U	250 U	250 U
Chloroethane	0.5 U	250 U	250 U
Chloroform	0.5 U	250 U	250 U
Chloromethane	0.5 U	250 U	250 U
cis-1,3-Dichloropropene	0.5 U	250 U	250 U
Cyclohexane	0.5 U	250 U	250 U
Dibromochloromethane	0.5 U	250 U	250 U
Dichlorodifluoromethane	0.5 U	250 U	250 U
Ethylbenzene	0.5 U	250 U	250 U
Isopropylbenzene	0.5 U	250 U	250 U
M/p-xylene	0.5 U	250 U	250 U
Methyl Acetate	1 U	250 U	250 U
Methyl Tert-butyl Ether	0.5 U	250 U	250 U
Methylcyclohexane	0.5 U	250 U	250 U
Methylene Chloride	0.5 U	250 U	250 U
O-xylene	0.5 U	250 U	250 U
Styrene	0.5 U	250 U	250 U
Tetrachloroethene	22000	17000	18000
Toluene	1	250 U	250 U
trans-1,3-Dichloropropene	0.5 U	250 U	250 U
Trichloroethene	2200	2400	2200
Trichlorofluoromethane	0.5 U	250 U	250 U
Vinyl Chloride	6.9	250 U	250 U
METABOLIC ACIDS	mg/L	mg/L	mg/L
Acetic Acid	0.67	0.64	0.045 J
Butyric Acid	0.05 U	0.24	0.05 U
Lactic Acid	0.049 J	0.1 U	0.054 J
Propionic Acid	0.024 J	0.26	0.05 U
DISSOLVED GASES	ug/L	ug/L	ug/L
Acetylene	0.56	0.11 J	0.098 J
Ethane	33	34	32
Ethene	13	5.8	5.5
Methane	550	730	660
TOC	mg/L	mg/L	mg/L
	1.2	2 U	2 U

DATA SUMMARY OF ANALYTICAL RESULTS
PENINSULA BOULEVARD, HEWLETT, NEW YORK

Data Qualifiers:

J -- Value is considered estimated due to exceedance of technical quality control criteria or because result is less than the Contract Required Quantitation Limit (CRQL).

K -- Positive result is considered biased high due to exceedance of technical quality control criteria.

R -- Positive result is considered unusable due to exceedance of technical quality control criteria.

U -- Value is a non-detected result as reported by the laboratory.

UJ -- Non-detected result is considered estimated due to exceedance of technical quality control criteria.

UL -- Non-detected result is considered biased low due to exceedance of technical quality control criteria.

NA -- No result is available/applicable for this parameter in this sample.

DATA SUMMARY OF BIOLOGICAL INDICATOR RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	IW-01S-20130626	IW-01S-20131106	IW-01S-20131219	IW-01D-20130626	IW-01D-20131106	IW-01D-20131219
Sample Date:	6/26/2013	11/6/2013	12/19/2013	6/26/2013	11/6/2013	12/19/2013
	cells/bead	cells/bead	cells/bead	cells/bead	cells/bead	cells/bead
<i>Dehalococcoides</i>	25 U	25 U	25 U	25 U	25 U	25 U
tceA Reductase	25 U	25 U	25 U	25 U	25 U	25 U
BAV1 Vinyl Chloride Reductase	25 U	25 U	25 U	25 U	25 U	25 U
Vinyl Chloride Reductase	25 U	25 U	25 U	25 U	25 U	25 U
Total Eubacteria	1020000	37600	87600000	953000	2420000	234000000
Methanogen	50 U	250 U	11.1 J	50 U	23.2 J	39700

DATA SUMMARY OF ANALYTICAL RESULTS
PENINSULA BOULEVARD, HEWLETT, NEW YORK

Data Qualifiers:

J -- Value is considered estimated due to exceedance of technical quality control criteria or because result is less than the Contract Required Quantitation Limit (CRQL).

K -- Positive result is considered biased high due to exceedance of technical quality control criteria.

R -- Positive result is considered unusable due to exceedance of technical quality control criteria.

U -- Value is a non-detected result as reported by the laboratory.

UJ -- Non-detected result is considered estimated due to exceedance of technical quality control criteria.

UL -- Non-detected result is considered biased low due to exceedance of technical quality control criteria.

NA -- No result is available/applicable for this parameter in this sample.

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Groundwater Results - July 2012

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW3D-20.5	GW-DUP-01	GW-MW3S-14	GW-MW4-10	GW-MW6-9	GW-MW7-19
Sample Date:	7/12/2012	7/12/2012	7/12/2012	7/13/2012	7/12/2012	7/13/2012
Duplicate of:		GW-MW3D-20.5				
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	9.2	5 U	5 U	5 U	5.3
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	1.2	2.3	2	1.6	4.8 L	7.7
cis-1,2-Dichloroethene	11	3.6	3.6	4	1.9	2.2
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m/p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-Butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	480	130	140	1.9	180	600 K
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	39	5.5	5.7	1.4	4.2	18
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	0.5 U	2.5	0.5 U	0.5 U
SEMI-VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1'-Biphenyl	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4,5-Tetrachlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dioxane	2 U	2 U	2 U	2 U	2 U	2 U
2,2'-Oxybis(1-chloropropane)	5 U	5 U	5 U	5 U	5 U	5 U
2,3,4,6-Tetrachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U	5 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW3D-20.5		GW-DUP-01		GW-MW35-14		GW-MW4-10		GW-MW6-9		GW-MW7-19	
Sample Date:	7/12/2012		7/12/2012		7/12/2012		7/13/2012		7/12/2012		7/13/2012	
Duplicate of:			GW-MW3D-20.5									
2-Chlorophenol	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	10	U	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-methylphenol	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-phenylether	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	5	U	5	U	5	U	5	U	5	U	5	U
Acenaphthylene	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(a)anthracene	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(a)pyrene	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(b)fluoranthene	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(g,h,i)perylene	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(k)fluoranthene	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethoxy)methane	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-ethylhexyl)phthalate	5	U	5	U	2	J	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	84		5	U	5	U	5	U	9.2		5	U
Carbazole	5	U	5	U	5	U	5	U	5	U	5	U
Chrysene	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzo(a,h)anthracene	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U
Di-n-butylphthalate	5	U	5	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	5	U	5	U	5	U	5	U	5	U	5	U
Fluorene	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobenzene	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-cd)pyrene	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	5	U	5	U	5	U	5	U	5	U	5	U
N-Nitroso-di-n-propylamine	5	U	5	U	5	U	5	U	5	U	5	U
N-Nitrosodiphenylamine	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Phenanthrene	5	U	5	U	5	U	5	U	5	U	5	U
Phenol	5	U	5	U	5	U	5	U	5	U	5	U
Pyrene	5	U	5	U	5	U	5	U	5	U	5	U
PESTICIDES/PCBS	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
4,4'-DDD	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
4,4'-DDE	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
4,4'-DDT	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
Aldrin	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
alpha-BHC	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
alpha-Chlordane	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
Aroclor 1016	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Aroclor 1221	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U
Aroclor 1232	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Aroclor 1242	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Aroclor 1248	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW3D-20.5		GW-DUP-01		GW-MW35-14		GW-MW4-10		GW-MW6-9		GW-MW7-19	
Sample Date:	7/12/2012		7/12/2012		7/12/2012		7/13/2012		7/12/2012		7/13/2012	
Duplicate of:			GW-MW3D-20.5									
Aroclor 1254	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Aroclor 1260	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Aroclor 1262	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Aroclor 1268	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
beta-BHC	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
delta-BHC	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
Dieldrin	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
Endosulfan I	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
Endosulfan II	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
Endosulfan sulfate	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
Endrin	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
Endrin aldehyde	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
Endrin ketone	0.0051	UL	0.0051	UL	0.0051	UL	0.0052	UL	0.0051	UL	0.0051	UL
gamma-BHC (Lindane)	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
gamma-Chlordane	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
Heptachlor	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
Heptachlor epoxide	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL	0.0026	UL
Methoxychlor	0.0255	UL	0.0255	UL	0.0255	UL	0.026	UL	0.0255	UL	0.0255	UL
Toxaphene	0.1913	UL	0.1913	UL	0.1913	UL	0.1953	UL	0.1913	UL	0.1913	UL
INORGANICS	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aluminum	20	U	20	U	20	U	34		32.8		135	
Antimony	2	U	2	U	2	U	2	U	2	U	2	U
Arsenic	1	U	1	U	1	U	1.2		1	U	1	U
Barium	28.1		26.8		25.7		45		13.3		26.9	
Beryllium	1	U	1	U	1	U	1	U	1	U	1	U
Cadmium	1	U	1	U	1	U	1	U	1	U	1	U
Calcium	43600		42300		41900		73000		37600		33900	
Chromium	0.7	J	0.37	J	0.33	J	1.4	J	0.48	J	1.3	J
Cobalt	2.6		1	U	1.1		1	U	1	U	1.4	
Copper	2	U	2.7		2.5		2	U	3.1		2.5	
Iron	260		245		254		1740		225		1390	
Lead	1	U	1	U	1	U	1	U	1	U	1.4	
Magnesium	10000		10400		10300		16000		11200		6070	
Manganese	599	J	200	J	212	J	144	J	53.7	J	125	J
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel	1.6		0.95	J	0.85	J	0.98	J	0.75	J	2.8	
Potassium	3990		3950		3950		2550		2760		4690	
Selenium	5	U	5	U	5	U	5	U	5	U	1.4	J
Silver	1	U	1	U	1	U	1	U	1	U	1	U
Sodium	52100		62700		62200		21600		67700		47100	
Thallium	1	U	1	U	1	U	1	U	1	U	1	U
Vanadium	5	U	5	U	5	U	5	U	5	U	5	U
Zinc	8.4		14.9		8.4		6.6		9.9		14.9	
WATER QUALITY PARAMETERS	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Alkalinity, Total	120		160		150		250		120		74	
Ammonia [As N]	0.059		0.14	L	0.2		0.43		0.13		0.14	
BOD	2	U	2	U	2	U	2	U	2	U	2	U
Chemical Oxygen Demand	20	U	20	U	20	U	20	U	20	U	20	U
Chloride	100		100		100		36		130		83	
Nitrate [As N]	2.1		2		1.9		0.05	U	1.7		2.3	
Nitrite [As N]	0.05	U	0.05	U	0.05	U	0.05	U	0.067		0.05	U
Organic Carbon	2		2.7		2.8		5.7		4.5		2.9	
Phosphorus	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Residue, Filterable	340		360		350		370		360		310	
Sulfate	28		24		22		28		24		36	
Sulfide	0.01	U	0.01	U	0.01	U	0.064		0.01	U	0.013	

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW10D-55	GW-MW10S-29	GW-MW13D-63	GW-MW13S-15	GW-MW14-8
Sample Date:	7/13/2012	7/13/2012	7/5/2012	7/12/2012	7/16/2012
Duplicate of:					
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.64
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	2.1
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	4.5	2.8	0.98	1.9	1.9
cis-1,2-Dichloroethene	0.5 U	1.2	0.5 U	0.65	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m/p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-Butyl Ether	0.5 U	5.5	0.5 U	0.74	11
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	0.5 U	10	0.5 U	2.1	0.5 U
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	1.1	0.5 U	0.7	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SEMIVOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1'-Biphenyl	5 U	5 U	5 U	5 U	5 U
1,2,4,5-Tetrachlorobenzene	5 U	5 U	5 U	5 U	5 U
1,4-Dioxane	2 U	2 U	2 U	2 U	2 U
2,2'-Oxybis(1-chloropropane)	5 U	5 U	5 U	5 U	5 U
2,3,4,6-Tetrachlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW10D-55	GW-MW10S-29	GW-MW13D-63	GW-MW13S-15	GW-MW14-8
Sample Date:	7/13/2012	7/13/2012	7/5/2012	7/12/2012	7/16/2012
Duplicate of:					
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	10 U	10 U	10 U	10 U	10 U
Acenaphthene	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U
Acetophenone	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U
Atrazine	5 U	5 U	5 U	5 U	5 U
Benzaldehyde	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	5 U	5 U	5 U	5 U	5 UJ
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethyl)ether	5 U	5 U	5 U	5 U	5 U
Bis(2-ethylhexyl)phthalate	2.8 J	5 U	3 J	2.2 J	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U
Caprolactam	5 U	2.7 J	7.1	17	2 J
Carbazole	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 U	5 U	5 U	5 U	5 UJ
Dibenzofuran	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 U	5 U	5 U	5 UJ
Isophorone	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	10 UJ	10 UJ	10 UJ	10 UJ	10 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U
Phenol	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U	5 U	5 U
PESTICIDES/PCBS	ug/L	ug/L	ug/L	ug/L	ug/L
4,4'-DDD	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
4,4'-DDE	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
4,4'-DDT	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
Aldrin	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
alpha-BHC	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
alpha-Chlordane	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
Aroclor 1016	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL
Aroclor 1221	0.07 U	0.06 U	0.06 U	0.07 U	0.07 UL
Aroclor 1232	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL
Aroclor 1242	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL
Aroclor 1248	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW10D-55	GW-MW10S-29	GW-MW13D-63	GW-MW13S-15	GW-MW14-8
Sample Date:	7/13/2012	7/13/2012	7/5/2012	7/12/2012	7/16/2012
Duplicate of:					
Aroclor 1254	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL
Aroclor 1260	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL
Aroclor 1262	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL
Aroclor 1268	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UL
beta-BHC	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
delta-BHC	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
Dieldrin	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
Endosulfan I	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
Endosulfan II	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
Endosulfan sulfate	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
Endrin	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
Endrin aldehyde	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
Endrin ketone	0.0051 UL	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U
gamma-BHC (Lindane)	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
gamma-Chlordane	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
Heptachlor	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
Heptachlor epoxide	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U
Methoxychlor	0.0255 UL	0.0255 UL	0.0255 UL	0.0255 UL	0.026 U
Toxaphene	0.1913 UL	0.1913 UL	0.1913 UL	0.1913 UL	0.1953 U
INORGANICS	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	312	39.2	20 U	33.8	20 U
Antimony	2 U	2 U	2 U	2 U	2 U
Arsenic	1 U	1 U	1 U	1 U	1 U
Barium	14.1	58.4	13	12.5	33.2
Beryllium	1 U	1 U	1 U	1 U	1 U
Cadmium	1 U	1 U	1.3	1 U	1 U
Calcium	17500	30900	30000	43000	20600 J
Chromium	1.4 J	0.35 J	0.49 J	0.53 J	2 UJ
Cobalt	1 U	1.4	1 U	1 U	1 U
Copper	2 U	2 U	2 U	2 U	2 U
Iron	33100	893	40200	9910	11400 J
Lead	1.1	1 U	1 U	1 U	1 U
Magnesium	5920	5210	9100	5530	16000
Manganese	584 J	981 J	890 J	677 J	324
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	2	1.7	0.89 J	1.2	1 U
Potassium	1900	3460	2240	3280	5420 J
Selenium	5 U	5 U	5 U	5 U	5 U
Silver	1 U	1 U	1 U	1 U	1 U
Sodium	13000	40300	16400	67400	48500 J
Thallium	1 U	1 U	1 U	1 U	1 U
Vanadium	5 U	5 U	5 U	5 U	5 U
Zinc	14.1	9.9	3.9	9.5	15.4 J
WATER QUALITY PARAMETERS	mg/L	mg/L	mg/L	mg/L	mg/L
Alkalinity, Total	59	59	62	90	17
Ammonia [As N]	0.32	0.19 L	0.36	0.21	1.1
BOD	2 U	2 U	3.2	2 U	2 U
Chemical Oxygen Demand	20 U	20 U	20 U	20 U	28
Chloride	42	83	66	140	160
Nitrate [As N]	0.05 U	0.91	0.05 U	1.1	0.05 U
Nitrite [As N]	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Organic Carbon	1 U	1.2	1 U	1.2	1 U
Phosphorus	0.11	0.05 U	0.25 U	0.11	0.05 U
Residue, Filterable	200	280	280	390	440
Sulfate	24	28	37	33	42
Sulfide	0.01 U	0.01 U	0.01 U	0.01 U	0.01

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW15D-56	GW-DUP-02	GW-MW15S-18	GW-MW17-13	GW-MW18D-70	GW-MW18S-12
Sample Date:	7/13/2012	7/13/2012	7/13/2012	7/18/2012	7/16/2012	7/16/2012
Duplicate of:		GW-MW15D-56				
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.6	0.64	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U	12
Benzene	8.2	8.3	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	0.87	2.8	1.6	1.6	2.1	2.5
cis-1,2-Dichloroethene	7.3	5.9	0.5 U	0.5 U	5	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m/p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-Butyl Ether	1.1	1.2	0.5 U	0.5 U	19	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	18	21	7.8	0.5 U	0.5 U	3.8
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Trichloroethene	38	44	1.1	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	1	0.99	0.5 U	0.5 U	0.5 U	0.5 U
SEMIVOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1'-Biphenyl	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4,5-Tetrachlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dioxane	2 U	2 U	2 U	2 U	2.6	2 U
2,2'-Oxybis(1-chloropropane)	5 U	5 U	5 U	5 U	5 U	5 U
2,3,4,6-Tetrachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U	5 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW15D-56	GW-DUP-02	GW-MW15S-18	GW-MW17-13	GW-MW18D-70	GW-MW18S-12
Sample Date:	7/13/2012	7/13/2012	7/13/2012	7/18/2012	7/16/2012	7/16/2012
Duplicate of:		GW-MW15D-56				
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U	5 U
Acetophenone	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U	5 U
Atrazine	5 U	5 U	5 U	5 U	5 U	5 U
Benzaldehyde	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethyl)ether	5 U	5 U	5 U	5 U	5 U	5 U
Bis(2-ethylhexyl)phthalate	2.8 J	5 U	2.4 J	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U	5 U
Caprolactam	43	68	70	5 U	5 U	5 U
Carbazole	5 U	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ
Dibenzofuran	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U	5 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ
Isophorone	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	5 U	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U	5 U
Phenol	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U	5 U	5 U	5 U
PESTICIDES/PCBS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
4,4'-DDD	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
4,4'-DDE	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
4,4'-DDT	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
Aldrin	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
alpha-BHC	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
alpha-Chlordane	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
Aroclor 1016	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1221	0.06 U	0.06 UL	0.06 U	0.07 U	0.06 U	0.06 U
Aroclor 1232	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1242	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1248	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW15D-56	GW-DUP-02	GW-MW15S-18	GW-MW17-13	GW-MW18D-70	GW-MW18S-12
Sample Date:	7/13/2012	7/13/2012	7/13/2012	7/18/2012	7/16/2012	7/16/2012
Duplicate of:		GW-MW15D-56				
Aroclor 1254	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1260	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1262	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1268	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U	0.03 U
beta-BHC	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
delta-BHC	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
Dieldrin	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
Endosulfan I	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
Endosulfan II	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
Endosulfan sulfate	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
Endrin	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
Endrin aldehyde	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
Endrin ketone	0.0051 UL	0.0051 UL	0.0051 UL	0.0052 U	0.0051 U	0.0051 UL
gamma-BHC (Lindane)	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
gamma-Chlordane	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
Heptachlor	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
Heptachlor epoxide	0.0026 UL	0.0026 UL	0.0026 UL	0.0026 U	0.0026 U	0.0026 UL
Methoxychlor	0.0255 UL	0.0255 UL	0.0255 UL	0.026 U	0.0255 U	0.0255 UL
Toxaphene	0.1913 UL	0.1913 UL	0.1913 UL	0.1953 U	0.1913 U	0.1913 UL
INORGANICS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	40.9	25.7	168	57.4	87.3	25.7
Antimony	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	1 U	1 U	1 U	1 U	1 U	1 U
Barium	43.8	43.1	44.9	50	76.8	31.8
Beryllium	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	1 U	1 U	1 U	1 U	4.1	1 U
Calcium	42100	40800	36600	48000	78000	36100 J
Chromium	0.32 J	0.32 J	0.68 J	2 UJ	2 UJ	2 UJ
Cobalt	1 U	1 U	1.2	1.8	1 U	1 U
Copper	2 U	2 U	2 U	2	2 U	2 U
Iron	12900	14500	622	1100 J	12600 J	200 UJ
Lead	1 U	1 U	1 U	1 U	1 U	1 U
Magnesium	9540	9860	7360	10200	8720 J	6960 J
Manganese	829 J	895 J	7.1 J	201	429	1 U
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	1.3	0.78 J	1.6	2.2	1 U	1 U
Potassium	3830	3670	4230	3220	2660 J	4350 J
Selenium	5 U	5 U	1.4 J	5 U	5 U	2.4 J
Silver	1 U	1 U	1 U	1 U	1 U	1 U
Sodium	14500	14800	133000	142000	31100 J	114000
Thallium	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	5 U	5 U	5 U	5 U	5 U	5 U
Zinc	9.7	8.6	9.6	18.7 J	18.4 J	R R
WATER QUALITY PARAMETERS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Alkalinity, Total	94	91	81	110	150	110
Ammonia [As N]	0.26	0.32	0.05 U	0.062	0.28	0.11 L
BOD	2 U	2 U	2 U	2 U	2 U	2 U
Chemical Oxygen Demand	20 U	20 U	20 U	20 U	22	20 U
Chloride	58	57	220	240	96	180
Nitrate [As N]	0.05 U	0.05 U	3.5	0.27	0.05 U	4.9
Nitrite [As N]	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Organic Carbon	1 U	1 U	1 U	1 U	1.6	1.5
Phosphorus	0.1	0.076	0.25 U	0.05 U	0.078	0.05 U
Residue, Filterable	280	270	510	550	510	450
Sulfate	26	27	41	37	41	31
Sulfide	0.011	0.01 U	0.017	0.01 U	0.11	0.01 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW19-12	GW-MW20-21	GW-MW21D-63	GW-MW21S-13	GW-MW22D-77
Sample Date:	7/17/2012	7/18/2012	7/16/2012	7/16/2012	7/17/2012
Duplicate of:					
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	1.9 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5	5.2	5 U
Benzene	0.5 U	0.5 U	4 U	0.5 U	2
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.85	0.5 U
Chloromethane	0.7 K	2.3	3.1	2.1	4.9
cis-1,2-Dichloroethene	0.57 K	0.5 U	1.7	2.9	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m/p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-Butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	0.5 U	0.5 U	2600	130K K	0.5 U
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.5 U	0.5 U	0.71 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	1 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	230	2	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	1.4 U	0.5 U	4.3
SEMIVOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1'-Biphenyl	5 U	5 U	5 U	5 U	5 U
1,2,4,5-Tetrachlorobenzene	5 U	5 U	5 U	5 U	5 U
1,4-Dioxane	2 U	2 U	2 U	2 U	2 U
2,2'-Oxybis(1-chloropropane)	5 U	5 U	5 U	5 U	5 U
2,3,4,6-Tetrachlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW19-12	GW-MW20-21	GW-MW21D-63	GW-MW21S-13	GW-MW22D-77
Sample Date:	7/17/2012	7/18/2012	7/16/2012	7/16/2012	7/17/2012
Duplicate of:					
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	10 U	10 U	10 U	10 U	10 U
Acenaphthene	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U
Acetophenone	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U
Atrazine	5 U	5 U	5 U	5 U	5 U
Benzaldehyde	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 UJ	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethyl)ether	5 U	5 U	5 U	5 U	5 U
Bis(2-ethylhexyl)phthalate	5 U	5 U	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U
Caprolactam	5 U	5 U	27	5 U	5 U
Carbazole	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 UJ	5 U	5 U
Dibenzo(a,h)anthracene	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Dibenzofuran	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 UJ	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Isophorone	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	10 U	10 U	10 U	10 U	10 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U
Phenol	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 UJ	5 U	5 U
PESTICIDES/PCBS	ug/L	ug/L	ug/L	ug/L	ug/L
4,4'-DDD	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
4,4'-DDE	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
4,4'-DDT	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
Aldrin	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
alpha-BHC	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
alpha-Chlordane	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
Aroclor 1016	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1221	0.07 U	0.06 U	0.06 U	0.07 U	0.06 U
Aroclor 1232	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1242	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1248	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW19-12	GW-MW20-21	GW-MW21D-63	GW-MW21S-13	GW-MW22D-77
Sample Date:	7/17/2012	7/18/2012	7/16/2012	7/16/2012	7/17/2012
Duplicate of:					
Aroclor 1254	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1260	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1262	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1268	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
beta-BHC	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
delta-BHC	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
Dieldrin	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
Endosulfan I	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
Endosulfan II	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
Endosulfan sulfate	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
Endrin	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
Endrin aldehyde	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
Endrin ketone	0.0052 UL	0.0051 UL	0.0051 U	0.0053 UL	0.0051 U
gamma-BHC (Lindane)	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
gamma-Chlordane	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
Heptachlor	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
Heptachlor epoxide	0.0026 UL	0.0026 UL	0.0026 U	0.0027 UL	0.0026 U
Methoxychlor	0.026 UL	0.0255 UL	0.0255 U	0.0266 UL	0.0255 U
Toxaphene	0.1953 UL	0.1913 UL	0.1913 U	0.1995 UL	0.1913 U
INORGANICS	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	56.9	20 U	267	20 U	26.8
Antimony	2 U	2 U	2 U	2 U	2 U
Arsenic	1.1	1 U	1 U	1 U	1.7
Barium	61.3	43.3	15.9	71.4	18
Beryllium	1 U	1 U	1 U	1 U	1 U
Cadmium	1 U	1 U	3.3	1 U	1 U
Calcium	64600	43400	33200 J	28700 J	36500
Chromium	2 UJ	2 UJ	2 UJ	2.8 J	2 UJ
Cobalt	1 U	1 U	1 U	1 U	1.6
Copper	2 U	2 U	2.5	2 U	2 U
Iron	1900 J	261 J	21300 J	200 UJ	40200 J
Lead	1 U	1 U	1.2	1 U	1 U
Magnesium	15900	6550	6580 J	5860 J	9590
Manganese	89.7	80.8	647	5.1 J	511
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	1 U	2	1 U	1.7	1 U
Potassium	3970	8530	2820 J	5010 J	2750
Selenium	5 U	5 U	5 U	1.3 J	5 U
Silver	1 U	1 U	1 U	1 U	1 U
Sodium	250000	159000	19400 J	159000	19300
Thallium	1 U	1 U	1 U	1 U	1 U
Vanadium	5 U	5 U	0.51 J	5 U	5 U
Zinc	6.2 J	15.2 J	107 J	25.6 J	9.7 J
WATER QUALITY PARAMETERS	mg/L	mg/L	mg/L	mg/L	mg/L
Alkalinity, Total	230	110	84	52	65
Ammonia [As N]	0.11	0.1	0.28	0.14	0.36
BOD	2 U	2 U	2 U	2 U	5.8
Chemical Oxygen Demand	25	62	20 U	20 U	21
Chloride	450	27	66	240	110
Nitrate [As N]	0.05 U	0.49	0.07	4.9	0.05 U
Nitrite [As N]	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Organic Carbon	1.8	1.8	1	1 U	1 U
Phosphorus	0.083	0.05 U	0.05 U	0.05 U	0.075
Residue, Filterable	930	540	350	560	400
Sulfate	1 U	18	21	26	26
Sulfide	0.44	0.01 U	0.012	0.01 U	0.01 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW22S-22	GW-MW24-59	GW-MW25D-60	GW-MW25S-16	GW-MW26D-67
Sample Date:	7/17/2012	7/16/2012	7/17/2012	7/17/2012	7/17/2012
Duplicate of:					
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	6.8	5 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	3.2	0.5 U	2	2.3	0.97
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m/p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-Butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	0.5 U	0.5 U	0.5 U	2.4	0.5 U
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SEMIVOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1'-Biphenyl	5 U	NA	5 U	5 U	5 U
1,2,4,5-Tetrachlorobenzene	5 U	NA	5 U	5 U	5 U
1,4-Dioxane	2 U	NA	2 U	2 U	2 U
2,2'-Oxybis(1-chloropropane)	5 U	NA	5 U	5 U	5 U
2,3,4,6-Tetrachlorophenol	5 U	NA	5 U	5 U	5 U
2,4,5-Trichlorophenol	5 U	NA	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	NA	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	NA	5 U	5 U	5 U
2,4-Dimethylphenol	5 U	NA	5 U	5 U	5 U
2,4-Dinitrophenol	10 U	NA	10 U	10 U	10 U
2,4-Dinitrotoluene	5 U	NA	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	NA	5 U	5 U	5 U
2-Chloronaphthalene	5 U	NA	5 U	5 U	5 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW22S-22	GW-MW24-59	GW-MW25D-60	GW-MW25S-16	GW-MW26D-67
Sample Date:	7/17/2012	7/16/2012	7/17/2012	7/17/2012	7/17/2012
Duplicate of:					
2-Chlorophenol	5 U	NA	5 U	5 U	5 U
2-Methylnaphthalene	5 U	NA	5 U	5 U	5 U
2-Methylphenol	5 U	NA	5 U	5 U	5 U
2-Nitroaniline	10 U	NA	10 U	10 U	10 U
2-Nitrophenol	5 U	NA	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	NA	5 U	5 U	5 U
3-Nitroaniline	10 U	NA	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	10 U	NA	10 U	10 U	10 U
4-Bromophenyl-phenylether	5 U	NA	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	NA	5 U	5 U	5 U
4-Chloroaniline	5 U	NA	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	NA	5 U	5 U	5 U
4-Methylphenol	5 U	NA	5 U	5 U	5 U
4-Nitroaniline	10 U	NA	10 U	10 U	10 U
4-Nitrophenol	10 U	NA	10 U	10 U	10 U
Acenaphthene	5 U	NA	5 U	5 U	5 U
Acenaphthylene	5 U	NA	5 U	5 U	5 U
Acetophenone	5 U	NA	5 U	5 U	5 U
Anthracene	5 U	NA	5 U	5 U	5 U
Atrazine	5 U	NA	5 U	5 U	5 U
Benzaldehyde	5 U	NA	5 U	5 U	5 U
Benzo(a)anthracene	5 U	NA	5 U	5 U	5 U
Benzo(a)pyrene	5 U	NA	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	NA	5 U	5 U	5 U
Benzo(g,h,i)perylene	5 UJ	NA	5 UJ	5 UJ	5 UJ
Benzo(k)fluoranthene	5 U	NA	5 U	5 U	5 U
Bis(2-chloroethoxy)methane	5 U	NA	5 U	5 U	5 U
Bis(2-chloroethyl)ether	5 U	NA	5 U	5 U	5 U
Bis(2-ethylhexyl)phthalate	5 U	NA	5 U	5 U	5 U
Butylbenzylphthalate	5 U	NA	5 U	5 U	5 U
Caprolactam	5 U	NA	5 U	5 U	5 U
Carbazole	5 U	NA	5 U	5 U	5 U
Chrysene	5 U	NA	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 UJ	NA	5 UJ	5 UJ	5 UJ
Dibenzofuran	5 U	NA	5 U	5 U	5 U
Diethylphthalate	5 U	NA	5 U	5 U	5 U
Dimethylphthalate	5 U	NA	5 U	5 U	5 U
Di-n-butylphthalate	5 U	NA	5 U	5 U	5 U
Di-n-octylphthalate	5 U	NA	5 U	5 U	5 U
Fluoranthene	5 U	NA	5 U	5 U	5 U
Fluorene	5 U	NA	5 U	5 U	5 U
Hexachlorobenzene	5 U	NA	5 U	5 U	5 U
Hexachlorobutadiene	5 U	NA	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	NA	5 U	5 U	5 U
Hexachloroethane	5 U	NA	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 UJ	NA	5 UJ	5 UJ	5 UJ
Isophorone	5 U	NA	5 U	5 U	5 U
Naphthalene	5 U	NA	5 U	5 U	5 U
Nitrobenzene	5 U	NA	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	NA	5 U	5 U	5 U
N-Nitrosodiphenylamine	5 U	NA	5 U	5 U	5 U
Pentachlorophenol	10 U	NA	10 U	10 U	10 U
Phenanthrene	5 U	NA	5 U	5 U	5 U
Phenol	5 U	NA	5 U	5 U	5 U
Pyrene	5 U	NA	5 U	5 U	5 U
PESTICIDES/PCBS	ug/L	ug/L	ug/L	ug/L	ug/L
4,4'-DDD	0.0053 UJ	0.0051 U	0.0051 UJ	0.0051 U	0.0051 U
4,4'-DDE	0.0053 UJ	0.0051 U	0.0051 UJ	0.0051 U	0.0051 U
4,4'-DDT	0.0053 UJ	0.0051 U	0.0051 UJ	0.0051 U	0.0051 U
Aldrin	0.0027 UJ	0.0026 U	0.0026 UJ	0.0026 U	0.0026 U
alpha-BHC	0.0027 UJ	0.0026 U	0.0026 UJ	0.0026 U	0.0026 U
alpha-Chlordane	0.0027 UJ	0.0026 U	0.0026 UJ	0.0026 U	0.0026 U
Aroclor 1016	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1221	0.07 U	0.06 U	0.06 U	0.06 U	0.06 U
Aroclor 1232	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1242	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1248	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW22S-22	GW-MW24-59	GW-MW25D-60	GW-MW25S-16	GW-MW26D-67
Sample Date:	7/17/2012	7/16/2012	7/17/2012	7/17/2012	7/17/2012
Duplicate of:					
Aroclor 1254	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1260	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1262	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Aroclor 1268	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
beta-BHC	0.0027 UL	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
delta-BHC	0.0027 UL	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Dieldrin	0.0053 UL	0.0051 U	0.0051 UL	0.0051 U	0.0051 U
Endosulfan I	0.0027 UL	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Endosulfan II	0.0053 UL	0.0051 U	0.0051 UL	0.0051 U	0.0051 U
Endosulfan sulfate	0.0053 UL	0.0051 U	0.0051 UL	0.0051 U	0.0051 U
Endrin	0.0053 UL	0.0051 U	0.0051 UL	0.0051 U	0.0051 U
Endrin aldehyde	0.0053 UL	0.0051 U	0.0051 UL	0.0051 U	0.0051 U
Endrin ketone	0.0053 UL	0.0051 U	0.0051 UL	0.0051 U	0.0051 U
gamma-BHC (Lindane)	0.0027 UL	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
gamma-Chlordane	0.0027 UL	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Heptachlor	0.0027 UL	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Heptachlor epoxide	0.0027 UL	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Methoxychlor	0.0266 UL	0.0255 U	0.0255 UL	0.0255 U	0.0255 U
Toxaphene	0.1995 UL	0.1913 U	0.1913 UL	0.1913 U	0.1913 U
INORGANICS	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	27.6	606	12100	5130	1510
Antimony	2 U	2 U	2 U	2 U	2 U
Arsenic	1 U	1.1	12.1	4.6	4.7
Barium	29.7	11.8	31	45.6	14.5
Beryllium	1 U	1 U	1 U	1 U	1 U
Cadmium	1 U	1 U	1 U	1 U	1 U
Calcium	50600	65000	53400	18500	40900
Chromium	5.8 J	2.2 J	30.6 J	13.6 J	14.5 J
Cobalt	1 U	1 U	7.7	3.5	1.3
Copper	2 U	2 U	15.4	7.2	4.6
Iron	267 J	4910 J	28200 J	11500 J	5870 J
Lead	1 U	1.3	10.5	5.3	2.9
Magnesium	4200	5890 J	11600	5710	5550
Manganese	1.3	213	901	110	120
Mercury	0.2 U	0.2 U	0.032 J	0.2 U	0.2 U
Nickel	1 U	1 U	15.2	5.8	7.4
Potassium	2910	1940 J	3480	3340	1730
Selenium	2.9 J	5 U	5 U	5 U	5 U
Silver	1 U	1 U	1 U	1 U	1 U
Sodium	115000	19700 J	41600	110000	58700
Thallium	1 U	1 U	1 U	1 U	1 U
Vanadium	0.64 J	1.9 J	33.2	15.8	4.8 J
Zinc	9.3 J	13.5 J	60.2 J	29.3 J	17.2 J
WATER QUALITY PARAMETERS	mg/L	mg/L	mg/L	mg/L	mg/L
Alkalinity, Total	77	140	130	37	150
Ammonia [As N]	0.14 L	0.23	0.55	0.63	0.38 L
BOD	2 U	2 U	2 U	2 U	2 U
Chemical Oxygen Demand	20 U	20 U	25	20 U	20 U
Chloride	240	53	87	140	56
Nitrate [As N]	1.8	0.05 U	0.05 U	1.5	0.05
Nitrite [As N]	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Organic Carbon	1.4	1 U	1.4	1.6	1
Phosphorus	0.05 U	0.55	0.99	0.05 U	0.23 U
Residue, Filterable	550	340	410	410	330
Sulfate	24	31	39	350	26
Sulfide	0.01 U	0.02	0.01 U	0.01 U	0.022 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW265-23	GW-MW27D-70	GW-MW27S-25	GW-MW29-60	GW-N1114-25
Sample Date:	7/17/2012	7/18/2012	7/18/2012	7/18/2012	7/18/2012
Duplicate of:					
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	110	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	1.1	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.72	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U
Benzene	0.5 U	73	2.3	0.5 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.57	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	13	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	2	18	1.5	1.6	2.5
cis-1,2-Dichloroethene	0.5 U	2600	1.2	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	4.3
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	4.5
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	48
m/p-Xylene	0.5 U	0.93	0.5 U	0.5 U	4.2
Methyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-Butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	6
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.57	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	14	31000	1.2	0.5 U	0.5 U
Toluene	0.5 U	1.2	0.5 U	0.5 U	1.2
trans-1,2-Dichloroethene	0.5 U	78	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	1 U	1 U
Trichloroethene	1	6300	0.78	0.5 U	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	300	0.5 U	0.5 U	0.5 U
SEMIVOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1'-Biphenyl	5 U	5 U	5 U	5 U	5 U
1,2,4,5-Tetrachlorobenzene	5 U	5 U	5 U	5 U	5 U
1,4-Dioxane	2 U	2 U	2 U	2 U	2 U
2,2'-Oxybis(1-chloropropane)	5 U	5 U	5 U	5 U	5 U
2,3,4,6-Tetrachlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW265-23	GW-MW27D-70	GW-MW27S-25	GW-MW29-60	GW-N1114-25
Sample Date:	7/17/2012	7/18/2012	7/18/2012	7/18/2012	7/18/2012
Duplicate of:					
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	10 U	10 U	10 U	10 U	10 U
Acenaphthene	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U
Acetophenone	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U
Atrazine	5 U	5 U	5 U	5 U	5 U
Benzaldehyde	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U
Bis(2-chloroethyl)ether	5 U	5 U	5 U	5 U	5 U
Bis(2-ethylhexyl)phthalate	5 U	5 U	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U
Caprolactam	5 U	5 U	5 U	11	5 U
Carbazole	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 UJ	5 UJ	5 UJ	5 U	5 UJ
Dibenzofuran	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 UJ	5 UJ	5 UJ	5 UJ	5 U
Isophorone	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	2.4 J
Nitrobenzene	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	10 U	10 U	10 U	10 U	10 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U
Phenol	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U	5 U	5 U
PESTICIDES/PCBS	ug/L	ug/L	ug/L	ug/L	ug/L
4,4'-DDD	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
4,4'-DDE	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
4,4'-DDT	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
Aldrin	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
alpha-BHC	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
alpha-Chlordane	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Aroclor 1016	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U
Aroclor 1221	0.06 U	0.06 UL	0.06 U	0.07 U	0.06 U
Aroclor 1232	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U
Aroclor 1242	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U
Aroclor 1248	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U

DATA SUMMARY OF ANALYTICAL RESULTS
JULY 2012 HISTORICAL GROUNDWATER SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	GW-MW265-23	GW-MW27D-70	GW-MW27S-25	GW-MW29-60	GW-N1114-25
Sample Date:	7/17/2012	7/18/2012	7/18/2012	7/18/2012	7/18/2012
Duplicate of:					
Aroclor 1254	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U
Aroclor 1260	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U
Aroclor 1262	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U
Aroclor 1268	0.03 U	0.03 UL	0.03 U	0.03 U	0.03 U
beta-BHC	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
delta-BHC	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Dieldrin	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
Endosulfan I	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Endosulfan II	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
Endosulfan sulfate	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
Endrin	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
Endrin aldehyde	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
Endrin ketone	0.0051 U	0.0051 U	0.0051 UL	0.0052 U	0.0051 U
gamma-BHC (Lindane)	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
gamma-Chlordane	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Heptachlor	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Heptachlor epoxide	0.0026 U	0.0026 U	0.0026 UL	0.0026 U	0.0026 U
Methoxychlor	0.0255 U	0.0255 U	0.0255 UL	0.026 U	0.0255 U
Toxaphene	0.1913 U	0.1913 U	0.1913 UL	0.1953 U	0.1913 U
INORGANICS	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	12400	6400	1090	48.4	51.6
Antimony	2 U	2 U	2 U	2 U	2 U
Arsenic	15.4	6.1	1.8	1 U	19.7
Barium	135	46.1	40.2	10 U	24.8
Beryllium	1.1	1 U	1 U	1 U	1 U
Cadmium	1 U	1 U	1 U	1 U	30
Calcium	37300	86100	31700	84600	20200
Chromium	32.7 J	18.8 J	3.6 J	2 UJ	5.9 J
Cobalt	11.5	6.7	1.5	1 U	1 U
Copper	16.7	33.2	3.3	2.5	11
Iron	30500 J	16900 J	3590 J	2620 J	17100 J
Lead	12.6	22.4	2.4	1 U	272
Magnesium	10800	9310	9160	7290	3550
Manganese	422	261	140	303	105
Mercury	0.2 U	0.046 J	0.2 U	0.2 U	0.2 U
Nickel	19.6	13	4.7	4.1	6.7
Potassium	5410	3390	3950	2940	3350
Selenium	1.5 J	5 U	1.4 J	5 U	5 U
Silver	1 U	1 U	1 U	1 U	1 U
Sodium	231000	31200	93400	27500	77800
Thallium	1 U	1 U	1 U	1 U	1 U
Vanadium	47	23.8	5 U	5 U	5 U
Zinc	78.5 J	72 J	38.4 J	16.2 J	10900 J
WATER QUALITY PARAMETERS	mg/L	mg/L	mg/L	mg/L	mg/L
Alkalinity, Total	72	200	54	210	75
Ammonia [As N]	0.6	0.72	0.26	0.31	0.4
BOD	2 U	2 U	2 U	2 U	2 U
Chemical Oxygen Demand	20 U	23	20 U	20 U	20 U
Chloride	330	66	170	66	140
Nitrate [As N]	0.75	0.05 U	1	0.05 U	0.05 U
Nitrite [As N]	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Organic Carbon	1 U	1.8	2	1.2	2.7
Phosphorus	0.22	0.43	0.08	0.13	0.05 U
Residue, Filterable	790	440	430	390	270
Sulfate	46	51	44	30	1.1
Sulfide	0.01	0.01 U	0.01 U	0.01 U	0.25

DATA SUMMARY OF ANALYTICAL RESULTS
PENINSULA BOULEVARD, HEWLETT, NEW YORK

Data Qualifiers:

J -- Value is considered estimated due to exceedance of technical quality control criteria or because result is less than the Contract Required Quantitation Limit (CRQL).

K -- Positive result is considered biased high due to exceedance of technical quality control criteria.

R -- Positive result is considered unusable due to exceedance of technical quality control criteria.

U -- Value is a non-detected result as reported by the laboratory.

UJ -- Non-detected result is considered estimated due to exceedance of technical quality control criteria.

UL -- Non-detected result is considered biased low due to exceedance of technical quality control criteria.

NA -- No result is available/applicable for this parameter in this sample.

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Groundwater Results - May 2013

DATA SUMMARY OF ANALYTICAL RESULTS
MAY 2013 PRE-INJECTION (BASELINE) SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	IW-01D-20130517	IW-01S-20130520	MW-18D-20130515	MW-18S-20130514	MW-21D-20130513	MW-21S-20130513
Sample Date:	05/17/2013	05/20/2013	05/15/2013	05/14/2013	05/13/2013	05/13/2013
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	7	0.5 U	0.5 U	0.5 U	2.1	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	6.4	7.8	2.5	0.5 U	160	1.7
1,2-Dichloroethene (trans)	0.5 U	0.5 U	0.5 U	0.5 U	3.3	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	8.4	2.1	0.5 U	0.5 U	6.2	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 UL	0.5 UL	0.5 UL	0.5 UL	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.88
Chloromethane	0.5 UL	0.5 UL	0.5 UL	0.5 UL	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	17	0.5 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	9800	6.4	0.85	26	2000	360
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	400	0.61	0.5 U	0.5 U	700	1.1 K
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	3.5	0.77	0.51	0.5 U	1.7	0.5 U
METABOLIC ACIDS	mg/L	mg/L				
Acetic Acid	0.14	0.59	NA	NA	NA	NA
Butyric Acid	0.05 U	0.084	NA	NA	NA	NA
Lactic Acid	0.15	0.13	NA	NA	NA	NA
Propionic Acid	0.027 J	0.03 J	NA	NA	NA	NA
DISSOLVED GASES	ug/L	ug/L				
Acetylene	5.2	0.5 U	NA	NA	NA	NA
Ethane	7	0.26	NA	NA	NA	NA
Ethene	4.7	0.47	NA	NA	NA	NA
Methane	64	3	NA	NA	NA	NA
TOC	mg/L	mg/L				
	10.4	2.1	NA	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
MAY 2013 PRE-INJECTION (BASELINE) SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	MW-27D-20130516	MW-27S-20130516	OW-1S-20130516	PW-01D-20130516	TW-01D-20130616	DUP-02-20130516
Sample Date:	05/16/2013	05/16/2013	05/16/2013	05/16/2013	05/16/2013	05/16/2013
Duplicate of:						TW-01D-20130616
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	88	0.5 U	0.5 U	0.5 U	23	23
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.65	0.5 U	0.5 U	0.5 U	0.79	0.73
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	1300	0.96	0.5 U	0.5 U	25	24
1,2-Dichloroethene (trans)	30	0.5 U	0.5 U	0.5 U	0.68	0.69
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	82	0.5 U	0.5 U	1.1	3.9	3.9
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 UL	0.5 UL	0.5 UL	0.5 UL	0.5 UL
Carbon Disulfide	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	1.6	0.5 U	0.5 U	0.5 U
Chloromethane	0.5 U	0.5 UL	0.5 UL	0.5 UL	0.5 UL	0.5 UL
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.98	0.5 U	0.5 U	0.5 U	0.87	0.86
Methyl Acetate	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	0.84	0.5 U	0.5 U	1.7	1.3	1.4
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-xylene	0.6	0.5 U	0.5 U	0.5 U	0.51	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	22000	39	0.5 U	20	47000	43000
Toluene	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	4000	4.9	0.5 U	0.7	2600	2300
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	79	0.5 U	0.5 U	0.5 U	2.6	2.6
METABOLIC ACIDS	mg/L	mg/L	mg/L	mg/L		
Acetic Acid	0.28	0.088	0.078	0.74	NA	NA
Butyric Acid	0.088	0.05 U	0.05 U	0.083	NA	NA
Lactic Acid	0.1	0.29	0.14	0.092 J	NA	NA
Propionic Acid	0.03 J	0.05 U	0.05 U	0.11	NA	NA
DISSOLVED GASES	ug/L	ug/L	ug/L	ug/L		
Acetylene	0.33 J	0.5 U	0.5 U	0.5 U	NA	NA
Ethane	1.9	0.012 J	0.079	6.7	NA	NA
Ethene	6.8	0.043	0.058	1.6	NA	NA
Methane	24	2.5	3.8	85	NA	NA
TOC	mg/L	mg/L	mg/L	mg/L		
	1.3	1.6	2.7	3.1	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
MAY 2013 PRE-INJECTION (BASELINE) SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-01S-20130517	TW-02D-20130515	TW-02S-20130515	TW-03D-20130514	TW-03S-20130514	TW-04D-20130515
Sample Date:	05/17/2013	05/15/2013	05/15/2013	05/14/2013	05/14/2013	05/15/2013
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5
1,1-Dichloroethene	0.5 U	29	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	49	0.5 U	16	0.5 U	0.81
1,2-Dichloroethene (trans)	0.5 U	1.7	0.5 U	1	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10 U	10 U	10 U	36	10 U	10 U
Benzene	0.5 U	33	0.5 U	0.5 U	0.5 U	9.6
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 UL	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 UL
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	1.5	0.5 U
Chloromethane	0.5 UL	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 UL
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	23
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	0.77	13000	0.5 U	54	0.5 U	8
Toluene	0.5 U	0.86	0.5 U	1.2	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	1400	0.5 U	1.6	0.5 U	0.56
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	6	0.5 U	0.5 U	0.5 U	0.61
METABOLIC ACIDS				mg/L	mg/L	
Acetic Acid	NA	NA	NA	4.3	0.027 J	NA
Butyric Acid	NA	NA	NA	0.05 U	0.05 U	NA
Lactic Acid	NA	NA	NA	0.065 J	0.073 J	NA
Propionic Acid	NA	NA	NA	0.05 U	0.05 U	NA
DISSOLVED GASES				ug/L	ug/L	
Acetylene	NA	NA	NA	0.5 U	0.5 U	NA
Ethane	NA	NA	NA	34	0.0082 J	NA
Ethene	NA	NA	NA	1.9	0.018 J	NA
Methane	NA	NA	NA	140	0.63	NA
TOC				mg/L	mg/L	
	NA	NA	NA	3	1.5	NA

DATA SUMMARY OF ANALYTICAL RESULTS
MAY 2013 PRE-INJECTION (BASELINE) SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-04S-20130515	TW-05D-20130515	TW-06D-20130513	TW-07D-20130514	DUP-01-20130514	TW-08D-20130514
Sample Date:	05/15/2013	05/15/2013	05/13/2013	05/14/2013	05/14/2013	05/14/2013
Duplicate of:					TW-07D-20130514	
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	5.3	38	4	4.2	28
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	1.4	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	140	25	3.4	3.4	44
1,2-Dichloroethene (trans)	0.5 U	9.2	1	0.5 U	0.5 U	4.6
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.75	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10 U	10 U	10 U	14	10 U	10 U
Benzene	0.5 U	4.1	19	0.83	0.87	26
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M/p-xylene	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U
Methyl Acetate	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-xylene	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	1.1	2500	80000	4400	4200	22000
Toluene	0.5 U	0.5 U	0.69	0.5 U	0.5 U	1
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	590	2200	280	260	2200
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	1.7	6.6	1.5	1.5	6.9
METABOLIC ACIDS				mg/L	mg/L	mg/L
Acetic Acid	NA	NA	NA	4.9	4.5	0.67
Butyric Acid	NA	NA	NA	0.05 U	0.05 U	0.05 U
Lactic Acid	NA	NA	NA	0.056 J	0.049 J	0.049 J
Propionic Acid	NA	NA	NA	0.085	0.25	0.024 J
DISSOLVED GASES				ug/L	ug/L	ug/L
Acetylene	NA	NA	NA	1.7	1.7	0.56
Ethane	NA	NA	NA	17	17	33
Ethene	NA	NA	NA	14	14	13
Methane	NA	NA	NA	190	170	550
TOC				mg/L	mg/L	mg/L
	NA	NA	NA	3.1	3.1	1.2

DATA SUMMARY OF ANALYTICAL RESULTS
PENINSULA BOULEVARD, HEWLETT, NEW YORK

Data Qualifiers:

J -- Value is considered estimated due to exceedance of technical quality control criteria or because result is less than the Contract Required Quantitation Limit (CRQL).

K -- Positive result is considered biased high due to exceedance of technical quality control criteria.

R -- Positive result is considered unusable due to exceedance of technical quality control criteria.

U -- Value is a non-detected result as reported by the laboratory.

UJ -- Non-detected result is considered estimated due to exceedance of technical quality control criteria.

UL -- Non-detected result is considered biased low due to exceedance of technical quality control criteria.

NA -- No result is available/applicable for this parameter in this sample.

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Groundwater Results - October 2013

DATA SUMMARY OF ANALYTICAL RESULTS
OCTOBER 2013 POST-INJECTION SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	IW-01D-20131023	MW-18D-20131022	PW-01D-20131024	TW-01D-20131023	TW-02D-20131022	TW-03D-20131023
Sample Date:	10/23/2013	10/22/2013	10/24/2013	10/23/2013	10/22/2013	10/23/2013
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.42 J	0.5 U	1.3	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	21 J	56 J	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	1 J	0.84	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
1,2-Dichloroethene (cis)	280	14	60	350 J	1200	17
1,2-Dichloroethene (trans)	1.4	4.8	0.26 J	26 J	21 J	1.2
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.59 J	0.56	0.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 R	5 R	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 R	5 R	5 U
Acetone	5 U	5 U	5 U	5 U	5.5	5 U
Benzene	1.1	0.5 U	5.5	1.4 J	54	0.83
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.27 J	0.29 J	0.5 U	2.9 J	2.3	1.7
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M,p-xylene	0.5 U	0.5 U	0.5 U	1 J	0.9	0.5 U
Methyl Acetate	19	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Methyl Tert-butyl Ether	0.26 J	31	7.9	3.1 J	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
O-xylene	0.5 U	0.5 U	0.5 U	0.57 J	0.49 J	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	96	0.5 U	11	74000	25000	1.6 J
Toluene	0.5 U	0.5 U	0.33 J	0.5 U	0.6	0.31 J
trans-1,3-Dichloropropene	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	19	0.5 U	8.5	1100 J	3000	2.7
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Vinyl Chloride	15	1.4	0.97	2.6 J	14	0.5 U
METABOLIC ACIDS	mg/L		mg/L			mg/L
Acetic Acid	170	NA	0.19	NA	NA	0.25
Butyric Acid	8.2	NA	0.054	NA	NA	0.05
Lactic Acid	11	NA	0.2	NA	NA	0.062 J
Propionic Acid	85	NA	0.02 J	NA	NA	0.063
DISSOLVED GASES	ug/L		ug/L			ug/L
Acetylene	0.5 U	NA	0.5 U	NA	NA	0.5 U
Ethane	1.4	NA	1.1	NA	NA	31
Ethene	0.77	NA	0.18	NA	NA	2.2
Methane	92	NA	120	NA	NA	130
TOC	mg/L		mg/L			mg/L
	175	NA	1.7	NA	NA	1.9

DATA SUMMARY OF ANALYTICAL RESULTS
OCTOBER 2013 POST-INJECTION SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	DUP-01-20131023	TW-04D-20131022	TW-05D-20131024	TW-06D-20131023	TW-07D-20131023
Sample Date:	10/23/2013	10/22/2013	10/24/2013	10/23/2013	10/23/2013
Duplicate of:	TW-03D-20131023				
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	1	25 U	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	25 U	57 J	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	25 U	1.7	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,2-Dichloroethene (cis)	19	0.53	260	350 J	8
1,2-Dichloroethene (trans)	1.3	0.5 U	25 U	14 J	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	25 U	0.89	0.5 U
2-Butanone	5 U	5 U	250 U	5 U	5 U
2-Hexanone	5 U	5 U	250 U	5 R	5 U
4-Methyl-2-pentanone	5 U	5 U	250 U	5 R	5 U
Acetone	5 U	5 U	250 U	5 U	5 U
Benzene	0.88	7.4	25 U	34	0.5 U
Bromochloromethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Carbon Disulfide	1.8	0.5 U	25 U	2.2	0.28 J
Carbon Tetrachloride	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Chloromethane	0.27 J	0.5 U	25 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	25 U	0.38 J	0.5 U
Isopropylbenzene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
M,p-xylene	0.5 U	0.5 U	25 U	1.6	0.5 U
Methyl Acetate	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Methyl Tert-butyl Ether	0.5 U	16	25 U	0.5 U	0.57
Methylcyclohexane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	25 U	0.32 J	0.25 J
O-xylene	0.5 U	0.5 U	25 U	0.92	0.5 U
Styrene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Tetrachloroethene	1.6 J	3.3	360	58000	5.6
Toluene	0.31 J	0.5 U	25 U	0.65	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Trichloroethene	2.9	0.28 J	250	2200 J	0.93
Trichlorofluoromethane	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	25 U	14	7.7
METABOLIC ACIDS	mg/L				mg/L
Acetic Acid	0.24	NA	NA	NA	0.18
Butyric Acid	0.05 U	NA	NA	NA	0.05 U
Lactic Acid	0.12	NA	NA	NA	0.089 J
Propionic Acid	0.039 J	NA	NA	NA	0.046 J
DISSOLVED GASES	ug/L				ug/L
Acetylene	0.5 U	NA	NA	NA	0.5 U
Ethane	31	NA	NA	NA	0.23
Ethene	2.2	NA	NA	NA	0.58
Methane	130	NA	NA	NA	11
TOC	mg/L				
	1.4	NA	NA	NA	1 U

DATA SUMMARY OF ANALYTICAL RESULTS
PENINSULA BOULEVARD, HEWLETT, NEW YORK

Data Qualifiers:

J -- Value is considered estimated due to exceedance of technical quality control criteria or because result is less than the Contract Required Quantitation Limit (CRQL).

K -- Positive result is considered biased high due to exceedance of technical quality control criteria.

R -- Positive result is considered unusable due to exceedance of technical quality control criteria.

U -- Value is a non-detected result as reported by the laboratory.

UJ -- Non-detected result is considered estimated due to exceedance of technical quality control criteria.

UL -- Non-detected result is considered biased low due to exceedance of technical quality control criteria.

NA -- No result is available/applicable for this parameter in this sample.

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Groundwater Results - December 2013

DATA SUMMARY OF ANALYTICAL RESULTS
DECEMBER 2013 POST-INJECTION SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	IW-01D-20131219	IW-01S-20131219	MW-18D-20131217	MW-18S-20131217	MW-27D-20131219	MW-27S-20131219
Sample Date:	12/19/13	12/19/13	12/17/13	12/17/13	12/19/13	12/19/13
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	25 U	0.5 U	5 U	100 J	5 U
1,2,3-Trichlorobenzene	5 U	25 UJ	0.5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	25 UJ	0.5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	5 U	25 U	0.5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	60	40	13	5 U	1200	16
1,2-Dichloroethene (trans)	5 U	25 U	5.7	5 U	21 J	5 U
1,2-Dichloropropane	5 U	25 U	0.5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	5 U	25 U	0.5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	5 U	25 U	0.5 U	5 U	5 U	5 U
1,4-Dioxane	100 R	500 R	NA	100 R	100 R	100 R
2-Butanone	44	250	5 U	10 U	10 U	6.2 J
2-Hexanone	10 U	50 U	5 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10 U	50 U	5 U	10 U	10 U	10 U
Acetone	68	50 U	5 U	10 U	10 U	29
Benzene	5 U	25 U	0.5 U	5 U	96	5.8
Bromochloromethane	5 U	25 U	0.5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	25 U	0.5 U	5 U	5 U	5 U
Bromoform	5 U	25 U	0.5 U	5 U	5 U	5 U
Bromomethane	5 U	25 U	0.5 U	5 U	5 U	5 U
Carbon Disulfide	5 U	25 U	0.29 J	5 U	5 U	5 U
Carbon Tetrachloride	5 U	25 U	0.5 U	5 U	5 U	5 U
Chlorobenzene	5 U	25 U	0.5 U	5 U	5 U	5 U
Chloroethane	4 J	25 U	0.5 U	5 U	5 U	5 U
Chloroform	5 U	25 U	0.5 U	5 U	5 U	5 U
Chloromethane	3 J	25 U	0.5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	25 U	0.5 U	5 U	5 U	5 U
Cyclohexane	5 U	25 U	0.5 U	5 U	5 U	5 U
Dibromochloromethane	5 U	25 U	0.5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5 U	25 U	0.5 U	5 U	5 U	5 U
Ethylbenzene	5 U	25 U	0.5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	25 U	0.5 U	5 U	5 U	5 U
M,p-xylene	5 U	25 U	0.5 U	5 U	2 J	5 U
Methyl Acetate	5 U	25 U	0.5 U	5 U	5 U	5 U
Methyl Tert-butyl Ether	5 U	25 U	16	5 U	5 U	5 U
Methylcyclohexane	5 U	25 U	0.5 U	5 U	5 U	5 U
Methylene Chloride	5 U	25 U	0.5 U	5 U	5 U	5 U
O-xylene	5 U	25 U	0.5 U	5 U	5 U	5 U
Styrene	5 U	25 U	0.5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	75	0.5 U	410	36000	5 U
Toluene	5 U	25 U	0.5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	25 U	0.5 U	5 U	5 U	5 U
Trichloroethene	5 U	11 J	0.5 U	2.7 J	4800	5 U
Trichlorofluoromethane	5 U	25 U	0.5 U	5 U	5 U	5 U
Vinyl Chloride	5.5	25 U	0.5 U	5 U	110	5 U
METABOLIC ACIDS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Acetic Acid	210	3100	NA	NA	0.7	25
Butyric Acid	91	1700	NA	NA	0.12	6.5
Lactic Acid	7.7 J	1100	NA	NA	0.21	0.88 J
Propionic Acid	140	1400	NA	NA	0.14	14
DISSOLVED GASES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acetylene	0.5 U	0.096 J	NA	NA	0.31 J	0.5 U
Ethane	0.72	4.9	NA	NA	6	0.0076 J
Ethene	0.61	1.4	NA	NA	14	0.13
Methane	7000	4800	NA	NA	78	8000
TOC	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	222	7760	NA	NA	4.8	47

DATA SUMMARY OF ANALYTICAL RESULTS
DECEMBER 2013 POST-INJECTION SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	OW-15-20131219	PW-01D-20131218	TW-01D-20131220	TW-01S-20131217	TW-02D-20131219	TW-02S-20131217
Sample Date:	12/19/13	12/18/13	12/20/13	12/17/13	12/19/13	12/17/13
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,1-Dichloroethane	0.5 U	1.2	100 U	0.5 U	100 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	100 UJ	0.5 U	100 UJ	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	100 UJ	0.5 U	100 UJ	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	44	920	0.5 U	3000	2.4
1,2-Dichloroethene (trans)	0.5 U	0.35 J	100 U	0.5 U	100 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
1,4-Dioxane	NA	NA	2000 R	NA	2000 R	NA
2-Butanone	5 U	5 U	200 U	5 U	200 U	5 U
2-Hexanone	5 U	5 U	200 U	5 U	200 U	5 U
4-Methyl-2-pentanone	5 U	5 U	200 U	5 U	200 U	5 U
Acetone	5 U	5 U	200 U	5 U	200 U	5 U
Benzene	0.5 U	1.9	100 U	0.5 U	100 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Bromoform	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Bromomethane	0.5 UJ	0.5 U	100 U	0.5 U	100 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Chloroethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Chloroform	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Chloromethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Cyclohexane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
M,p-xylene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Methyl Acetate	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Methyl Tert-butyl Ether	0.5 U	6.5	100 U	0.5 U	100 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
O-xylene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Styrene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Tetrachloroethene	0.71	25	1700	0.22 J	2300	0.36 J
Toluene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Trichloroethene	0.5 U	16	610	0.5 U	1500	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	100 U	0.5 U	100 U	0.5 U
Vinyl Chloride	0.5 U	0.74	100 U	0.5 U	100 U	0.5 U
METABOLIC ACIDS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Acetic Acid	0.11	0.043 J	NA	NA	NA	NA
Butyric Acid	0.059	0.05 U	NA	NA	NA	NA
Lactic Acid	0.12	0.073 J	NA	NA	NA	NA
Propionic Acid	0.066	0.05 U	NA	NA	NA	NA
DISSOLVED GASES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acetylene	0.5 U	0.5 U	NA	NA	NA	NA
Ethane	0.031	0.74	NA	NA	NA	NA
Ethene	0.018 J	0.13	NA	NA	NA	NA
Methane	0.5	390	NA	NA	NA	NA
TOC	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	1.6	1.1	NA	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
DECEMBER 2013 POST-INJECTION SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-03D-20131218	TW-03S-20131218	TW-04D-20131217	TW-04S-20131217	TW-05D-20131219	TW-06D-20131220
Sample Date:	12/18/13	12/18/13	12/17/13	12/17/13	12/19/13	12/20/13
Duplicate of:						
VOLATILES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,1-Dichloroethane	0.5 U	0.5 U	1.7	0.5 U	50 U	2500 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 UJ	2500 UJ
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 UJ	2500 UJ
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,2-Dichloroethene (cis)	21	1.1	1.9	0.5 U	480	2500 U
1,2-Dichloroethene (trans)	1.5	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
1,4-Dioxane	NA	NA	NA	NA	1000 R	50000 R
2-Butanone	5 U	5 U	5 U	5 U	100 U	5000 U
2-Hexanone	5 U	5 U	5 U	5 U	100 U	5000 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	100 U	5000 U
Acetone	5 U	5 U	5 U	5 U	100 U	5000 U
Benzene	0.9	0.5 U	8.9	0.5 U	50 U	2500 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Carbon Disulfide	0.22 J	0.5 U	0.5 U	0.5 U	50 U	2500 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Chloroform	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Cyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
M,p-xylene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Methyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Methyl Tert-butyl Ether	0.5 U	0.5 U	18	0.5 U	50 U	2500 U
Methylcyclohexane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
O-xylene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Tetrachloroethene	0.36 J	1.7	0.96	1.4	69	63000
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Trichloroethene	4.1	0.35 J	0.33 J	0.5 U	120	3000
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
Vinyl Chloride	0.5 U	0.5 U	0.5 U	0.5 U	50 U	2500 U
METABOLIC ACIDS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Acetic Acid	0.066 J	0.68	NA	NA	NA	NA
Butyric Acid	0.05 U	0.23	NA	NA	NA	NA
Lactic Acid	0.048 J	0.067 J	NA	NA	NA	NA
Propionic Acid	0.05 U	0.37	NA	NA	NA	NA
DISSOLVED GASES	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acetylene	0.5 U	0.5 U	NA	NA	NA	NA
Ethane	34	0.16	NA	NA	NA	NA
Ethene	1	0.019 J	NA	NA	NA	NA
Methane	150	20	NA	NA	NA	NA
TOC	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	1 U	2.1	NA	NA	NA	NA

DATA SUMMARY OF ANALYTICAL RESULTS
DECEMBER 2013 POST-INJECTION SAMPLING EVENT
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	TW-07D-20131218	TW-08D-20131218	DUP-01-20131218
Sample Date:	12/18/13	12/18/13	12/18/13
Duplicate of:			TW-08D-20131218
VOLATILES	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	0.5 U	250 U	250 U
1,1,2,2-Tetrachloroethane	0.5 U	250 U	250 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	250 U	250 U
1,1,2-Trichloroethane	0.5 U	250 U	250 U
1,1-Dichloroethane	0.5 U	250 U	250 U
1,1-Dichloroethene	0.5 U	250 U	250 U
1,2,3-Trichlorobenzene	0.5 U	89 J	250 U
1,2,4-Trichlorobenzene	0.5 U	250 U	250 U
1,2-Dibromo-3-chloropropane	0.5 U	250 U	250 U
1,2-Dibromoethane	0.5 U	250 U	250 U
1,2-Dichlorobenzene	0.5 U	250 U	250 U
1,2-Dichloroethane	0.5 U	250 U	250 U
1,2-Dichloroethene (cis)	2.8	650	600
1,2-Dichloroethene (trans)	0.5 U	250 U	250 U
1,2-Dichloropropane	0.5 U	250 U	250 U
1,3-Dichlorobenzene	0.5 U	250 U	250 U
1,4-Dichlorobenzene	0.5 U	250 U	250 U
1,4-Dioxane	NA	5000 R	5000 R
2-Butanone	5 U	500 U	500 U
2-Hexanone	5 U	500 U	500 U
4-Methyl-2-pentanone	5 U	500 U	500 U
Acetone	5 U	500 U	500 U
Benzene	0.5 U	250 U	250 U
Bromochloromethane	0.5 U	250 U	250 U
Bromodichloromethane	0.5 U	250 U	250 U
Bromoform	0.5 U	250 U	250 U
Bromomethane	0.5 U	250 U	250 U
Carbon Disulfide	0.21 J	250 U	250 U
Carbon Tetrachloride	0.5 U	250 U	250 U
Chlorobenzene	0.5 U	250 U	250 U
Chloroethane	0.5 U	250 U	250 U
Chloroform	0.5 U	250 U	250 U
Chloromethane	0.5 U	250 U	250 U
cis-1,3-Dichloropropene	0.5 U	250 U	250 U
Cyclohexane	0.5 U	250 U	250 U
Dibromochloromethane	0.5 U	250 U	250 U
Dichlorodifluoromethane	0.5 U	250 U	250 U
Ethylbenzene	0.5 U	250 U	250 U
Isopropylbenzene	0.5 U	250 U	250 U
M,p-xylene	0.5 U	250 U	250 U
Methyl Acetate	0.5 U	250 U	250 U
Methyl Tert-butyl Ether	0.69	250 U	250 U
Methylcyclohexane	0.5 U	250 U	250 U
Methylene Chloride	0.5 U	250 U	250 U
O-xylene	0.5 U	250 U	250 U
Styrene	0.5 U	250 U	250 U
Tetrachloroethene	16	17000	18000
Toluene	0.5 U	250 U	250 U
trans-1,3-Dichloropropene	0.5 U	250 U	250 U
Trichloroethene	1.6	2400	2200
Trichlorofluoromethane	0.5 U	250 U	250 U
Vinyl Chloride	8.3 J	250 U	250 U
METABOLIC ACIDS	mg/L	mg/L	mg/L
Acetic Acid	0.11	0.64	0.045 J
Butyric Acid	0.081	0.24	0.05 U
Lactic Acid	0.073 J	0.1 U	0.054 J
Propionic Acid	0.077	0.26	0.05 U
DISSOLVED GASES	ug/L	ug/L	ug/L
Acetylene	0.5 U	0.11 J	0.098 J
Ethane	0.2	34	32
Ethene	0.54	5.8	5.5
Methane	15	730	660
TOC	mg/L	mg/L	mg/L
	1 U	2 U	2 U

DATA SUMMARY OF ANALYTICAL RESULTS
PENINSULA BOULEVARD, HEWLETT, NEW YORK

Data Qualifiers:

J -- Value is considered estimated due to exceedance of technical quality control criteria or because result is less than the Contract Required Quantitation Limit (CRQL).

K -- Positive result is considered biased high due to exceedance of technical quality control criteria.

R -- Positive result is considered unusable due to exceedance of technical quality control criteria.

U -- Value is a non-detected result as reported by the laboratory.

UJ -- Non-detected result is considered estimated due to exceedance of technical quality control criteria.

UL -- Non-detected result is considered biased low due to exceedance of technical quality control criteria.

NA -- No result is available/applicable for this parameter in this sample.

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Groundwater Test Kit Results

DATA SUMMARY OF FIELD TEST KIT RESULTS
PRE- AND POST-INJECTION SAMPLING EVENTS
PENINSULA BOULEVARD SUPERFUND SITE, HEWLETT, NEW YORK

Sample ID:	IW-01D-20130517	IW-01S-20130520	IW-01S-20131219	MW-27D-20130516	MW-27D-20130926
Sample Date:	5/17/2013	5/20/2013	12/19/2013	5/16/2013	9/26/2013
FIELD PARAMETERS					
Alkalinity	120	120	350	130	130
Ferrous Iron	3	10 >	10 >	0.05	0.05
Sulfide	0	0	0	0	0
Sample ID:	MW-27D-20131219	MW-27S-20130516	MW-27S-20130926	MW-27S-20131219	OW-01S-20131219
Sample Date:	12/19/2013	5/16/2013	9/26/2013	12/19/2013	12/19/2013
FIELD PARAMETERS					
Alkalinity	130	45	45	150	45
Ferrous Iron	0	0	0	0	0
Sulfide	0	0	0	0	0
Sample ID:	OW-1S-20130516	OW-1S-20130926	PW-01D-20130516	PW-01D-20130926	PW-01D-20131009
Sample Date:	5/16/2013	9/26/2013	5/16/2013	9/26/2013	10/9/2013
FIELD PARAMETERS					
Alkalinity	40	40	130	130	175
Ferrous Iron	0	0	10 >	10 >	10 >
Sulfide	0	0	0	0	0
Sample ID:	PW-01D-20131218	TW-03D-20130514	TW-03D-20131009	TW-03D-20131219	TW-03S-20130514
Sample Date:	12/18/2013	5/14/2013	10/9/2013	12/19/2013	5/14/2013
FIELD PARAMETERS					
Alkalinity	150	80	150	150	50
Ferrous Iron	10	2	4	8	0
Sulfide	0	0	0	0	0
Sample ID:	TW-03S-20131219	TW-07D-20130514	TW-07D-20130926	TW-07D-20131009	TW-07D-20131219
Sample Date:	12/19/2013	5/14/2013	9/26/2013	10/9/2013	12/19/2013
FIELD PARAMETERS					
Alkalinity	120	70	70	120	130
Ferrous Iron	0	10 >	10 >	10 >	10 >
Sulfide	0	0	0	0	0
Sample ID:	TW-08D-20130514	TW-08D-20130926	TW-08D-20131009	TW-08D-20131218	
Sample Date:	5/14/2013	9/26/2013	10/9/2013	12/18/2013	
FIELD PARAMETERS					
Alkalinity	125	125	125	150	
Ferrous Iron	10 >	10 >	10 >	10 >	
Sulfide	0	0	0	0	
Notes:					
> -- Indicates the field result is greater than the value indicated.					

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Groundwater Field Parameters



Tetra Tech, Inc.

PIM PARAMETER DATA SHEET

PROJECT SITE NAME: Peninsula Boulevard Groundwater Plume Superfund Site
PROJECT NUMBER: 112IG04090

ROUND: 1
DATE: 9/26/2013

Well ID	Time	Visual	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Water Level	General Observations (i.e., Smell)
IW-01S Δ	14:15	Light Yellow	4.54	1.89	>1000	8.34	20.16	150	13.40	Lactoil Solution
IW-01D Δ	14:35	Clear	6.68	1.43	5.8	2.06	18.08	-144	17.36	Light Lactoil Odor
TW-01S	12:50	Slight Turbid	6.37	1.19	37.6	3.63	18.48	66	14.42	No Odor
TW-01D	13:05	Light Gray Turbid	6.99	0.986	165	1.44	18.97	-139	19.60	Lact-oil Odor
TW-02S	11:57	Light Brown Turbid	6.60	1.24	179	2.05	18.00	56	11.70	No Odor
TW-02D	12:07	Slight Turbid	6.80	1.37	21.1	0.75	18.02	-122	16.64	LactOil odor
TW-03S	10:15	Clear	6.50	1.73	0.6	1.65	20.13	78	8.20	No Odor
TW-03D	9:53	Clear	6.80	1.21	4.1	1.36	17.85	-127	12.73	LactOil odor
TW-04S	9:28	Clear	6.69	1.67	25.5	1.85	18.58	58	5.82	No Odor
TW-04D	9:15	Cloudy	7.13	1.70	76.6	1.14	16.61	-132	10.23	Light lactOil odor
TW-05D	11:30	Slight Turbid	7.23	0.878	59.7	5.88	18.27	-162	14.93	Lactoil odor
TW-06D	10:30	Slight Turbid	6.85	0.992	24.9	0.99	18.04	-124	13.52	LactOil odor
TW-07D	8:18	Clear	6.69	1.04	2.4	1.28	16.15	-110	9.73	Slight LactOil odor
TW-08D	7:55	White Gray Turbid	6.41	1.31	424	1.00	16.14	-97	9.41	Light Slurry Odor
MW-18S	8:40	White Tint	6.41	1.32	58.3	3.66	20.43	71	5.13	No Odor
MW-18D	8:50	Clear	7.23	1.48	1.2	0.89	19.11	-137	9.61	Slight Lactoil Odor
MW-21S	10:50	Clear	6.09	1.31	2.8	6.14	19.05	107	7.24	No Odor
MW-21D	11:02	Clear	6.59	1.01	11.8	2.21	17.10	-45	12.28	Trace of LactOil odor
MW-27S	13:35	Light White	5.29	2.41	209	3.60	20.42	172	—	Strong LactOil odor
MW-27D	14:05	Slight Turbid	7.05	1.32	33.8	5.32	19.94	-91	—	Light LactOil Odor
PW-01D	9:35	Clear	6.61	1.18	1.3	1.71	16.48	-109	11.31	Slight LactOil Odor
OW-01S	11:18	Light Turbid	6.51	0.963	96.5	9.07	20.27	83	9.74	No Odor

Δ Injection Well

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John Chen

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Tetra Tech, Inc.

PIM PARAMETER DATA SHEET

PROJECT SITE NAME: Peninsula Boulevard Groundwater Plume Superfund Site
 PROJECT NUMBER: 112IG04090

ROUND: 2
 DATE: 10-9-13

Well ID	Time	Visual	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Water Level	General Observations (i.e., Smell)
IW-01S Δ	1153	Visible Lactail	5.35	2.86	>999	0.00	17.72	-49		strong Lactail odor
IW 01D Δ	1212	clear	6.65	0.807	17.5	3.70	17.41	-197	17.73'	Lactail odor
TW-01S	1128	slight orange tint	6.64	0.204	106	5.97	18.99	8	14.72'	No odors
TW-01D	1134	very slight Tint (Tan)	6.89	0.354	38.9	1.67	17.61	-153	19.75'	very slight Lactail odor
TW-02S	1118	Tinted orange	6.62	0.320	188	2.18	18.90	11	11.96'	No odors
TW02D	1104	very slight Tint (Tan)	6.76	0.712	36.0	7.04	17.30	-166	16.83'	Lactail/Septic odor
TW-03S	0932	cloudy orange	6.73	0.901	294	1.40	17.87	-108	8.43'	No odor
TW-03D	0925	clear	6.91	0.688	7.5	6.86	16.06	-241	12.78'	Septic odor
TW-04S	0912	orange Tint	6.47	0.854	128	1.19	17.51	-62	6.02'	slight Septic odor - No Lactail odor
TW-04D	0903	clear	6.89	0.826	9.8	3.31	15.65	-167	10.32'	Septic odor - No Lactail odor
TW-05D	1046	Tinted (Pink/Grey)	6.95	0.494	162	3.69	16.84	-212	15.04'	Lactail and Septic odor
TW-06D	0957	slight Tint (Tan)	6.59	0.540	65.3	4.53	15.71	-150	12.88'	very slight Lactail odor
TW-07D	0937	clear	6.11	0.770	9.8	3.22	15.22	-153	9.78'	No Lactail odor
TW-08D	0828	Tinted (Tan)	5.91	0.667	128	2.44	14.82	-89	9.50'	Lactail/Septic odor
MW-18S	0847	orange Tint	6.07	0.655	300	2.55	17.56	42	5.38'	No Lactail odor
MW-18D	0854	clear	6.09	0.800	18.6	1.96	16.23	-169	9.69'	Septic odor - No Lactail odor
MW-21S	0944	slight orange Tint	6.94	0.232	96	0.60	18.10	-12	7.47'	No odor
MW-21D	0949	clear	6.78	0.530	20.1	1.42	16.36	-128	12.37'	very slight Lactail odor
MW-27S	Not collected									
MW-27D	Not collected									
PW-01D	0917	clear	6.47	0.768	5.4	3.74	16.07	-162	10.37'	Septic odor - No Lactail odor
OW-01S	1040	cloudy orange	6.49	0.454	420	7.29	17.89	33	9.95'	No odor
PW-01P										

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Tetra Tech, Inc.

PIM PARAMETER DATA SHEET

PROJECT SITE NAME: Peninsula Boulevard Groundwater Plume Superfund Site
PROJECT NUMBER: 112IG04090

ROUND: 3
DATE: 10-22-13

Well ID	Time	Visual	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Water Level	General Observations (i.e., Smell)
IW-01S Δ	1442	Cloudy (white yellow)	5.26	2.03	>999	2.66	17.94	24	14.18	Strong Lactail odor
IW 01D Δ	1433	clear	6.59	0.825	22.0	4.02	17.96	-107	17.58	Slight Lactail odor
TW-01S	1335	Slight orange tint	6.12	0.508	159	5.66	19.55	15	14.91'	No odor
TW-01D	1342	Very slight orange tint	6.78	0.354	35.4	1.80	18.60	-120	19.84'	No odor
TW-02S	1323	Tinted (orange)	5.97	0.320	168	4.27	19.14	-4	12.16'	No odor
TW02D	1311	Very slight tint (Tan)	6.38	0.641	47.3	1.90	18.30	-125	16.88'	"Septic" odor
TW-03S	1222	Tinted (orange)	6.44	0.788	220	2.23	19.22	-52	8.64'	No odor
TW-03D	1213	clear	6.59	0.655	14.2	1.70	17.74	-170	12.83'	"Septic" odor
TW-04S	1203	Slight orange tint	6.20	0.825	74.3	2.27	18.04	-41	6.26	No odor
TW-04D	1155	Very slight tint (Gray)	6.71	0.802	31.2	2.03	18.33	-99	10.35'	"Septic" odor
TW-05D	1256	Slight tint (Tan)	6.63	6.466	120	4.01	18.08	-96	15.07	Very slight Septic and Lactail odor
TW-06D	1229	Slight tint (Tan)	6.37	0.525	97.0	2.51	17.55	-79	13.38	Very slight Lactail odor
TW-07D	1124	clear	6.54	0.426	12.1	1.88	17.62	-114	9.81	"Septic" odor
TW-08D	1119	Tinted (Gray)	6.08	0.670	120	2.20	16.89	-59	9.56	"Septic" odor
MW-18S	1140	Tinted (orange)	6.09	0.630	206	4.80	17.79	-31	5.56	Slight "Septic" odor
MW-18D	1146	Very slight tint (Gray)	6.85	0.763	49.3	2.00	17.90	-112	9.74	"Septic" odor
MW-21S	10/23/13 0800	Tinted (orange)	5.76	0.501	120	5.90	17.14	252	7.68	No odor
MW-21D	10/23/13 0808	clear	6.11	0.547	20.1	4.14	15.33	72	12.36	"Septic" odor
MW-27S	1415	cloudy (tint)	5.75	1.19	>999	7.30	18.90	-2	-	Lactail odor
MW-27D	1426	Tinted (Tan)	6.70	0.667	300	5.28	18.28	-69	-	Very slight Lactail odor
PW-01D	1202	Very slight tint (orange)	6.84	0.601	9.9	2.11	18.09	-90	11.44	Slight Septic and Lactail odor
OW-01S	1208	Tinted (orange)	6.13	0.409	211	7.40	18.50	10	10.16	No odor

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Tetra Tech, Inc.

PIM PARAMETER DATA SHEET

PROJECT SITE NAME: Peninsula Boulevard Groundwater Plume Superfund Site
 PROJECT NUMBER: 112IG04090

ROUND: 4
 DATE: 11/6/2013

Well ID	Time	Visual	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Water Level	General Observations (i.e., Smell)
IW-01S Δ	11:25	Yellow white	6.67	0.930	>1000	0.00	18.13	93	15.40	LactOil
IW-01D Δ	11:15	Clear	6.69	0.815	5.9	1.30	16.65	-68	17.48	Light Septic Odor
TW-01S	10:28	Light Brown Turbid	6.66	0.347	417	1.82	18.72	-42	15.16	Slight LactOil odor
TW-01D	10:35	Light Gray Tint	6.84	0.483	45.9	1.75	18.10	-101	19.45	Slight Septic Odor
TW-02S	10:08	Light Brown Turbid	6.44	0.485	695	1.67	18.39	-34	12.40	Light LactOil odor
TW-02D	10:18	Clear	6.78	0.518	0.52	2.94	17.52	-119	16.52	Septic Odor
TW-03S	9:06	Light Brown Turbid	6.75	0.666	248	1.19	18.65	-25	8.98	No Odor
TW-03D	9:00	Light Gray - Dark Tint	6.85	0.561	20.1	2.01	16.32	-141	12.54	Septic Odor
TW-04S	8:44	Light Brown Tint	6.76	0.705	55.0	0.48	17.67	5	6.51	No Odor
TW-04D	8:37	Light Gray	7.03	0.579	23.4	1.97	16.09	-108	10.08	Light Septic Odor
TW-05D	9:54	Light Gray Tint	6.82	0.466	349	2.34	16.70	-130	14.72	Septic Odor
TW-06D	9:37	Light Cloudy	6.63	0.452	85.6	1.35	16.11	-85	13.05	Light Septic Odor
TW-07D	8:15	Clear	6.55	0.449	12.2	1.13	16.35	-76	9.54	Light Septic Odor
TW-08D	8:05	Light Gray Tint	6.19	0.541	76.1	2.62	16.65	-33	9.26	Light Septic Odor
MW-18S	8:22	Light Brown Turbid	6.35	0.548	127	2.04	17.94	-6	5.81	No Odor
MW-18D	8:30	Light Gray Tint	6.93	0.634	13.0	0.06	16.64	-87	9.45	Light Septic Odor
MW-21S	9:25	Light Brown Turbid	6.71	0.472	193	2.12	17.59	-14	7.89	No Odor
MW-21D	9:18	Light Gray Tint	6.91	0.469	17.7	0.99	16.72	-105	12.05	Septic Odor
MW-27S	11:05	White Gray	6.62	1.04	>1000	1.79	18.66	-106	—	Lact oil odor
MW-27D	10:52	Clear	7.17	0.545	12.2	2.30	18.25	-101	—	Slight Septic Odor
PW-01D	8:50	Light Gray Tint	6.70	0.527	17.2	1.44	16.36	-93	11.13	Light Septic Odor
OW-01S	10:00	Brown Turbid	6.72	0.376	962	7.35	18.86	-8	10.41	No Odor

Δ Injection Well

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Jo Chen

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Tetra Tech, Inc.

PIM PARAMETER DATA SHEET

PROJECT SITE NAME: Peninsula Boulevard Groundwater Plume Superfund Site
 PROJECT NUMBER: 112IG04090

ROUND: 5
 DATE: 11/21/2013

Well ID	Time	Visual	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Water Level	General Observations (i.e., Smell)
IW-01S Δ	14:00	Yellow White	4.96	1.66	>1000	0.65	16.64	23	15.21	Lact Oil, Sour Odor
IW-01D Δ	13:45	Clear	6.55	1.07	6.0	2.23	15.24	-105	17.28	Septic Odor
TW-01S	13:00	Light Brown Turbid	6.38	0.514	619	2.35	17.70	11	15.36	Slight Lact Oil Odor
TW-01D	13:15	Light Gray Turbid	6.57	0.605	209	4.08	15.78	-120	19.28	Light Septic Odor
TW-02S	12:50	Light Brown Turbid	6.44	0.858	555	6.05	17.40	-39	12.20	Light Lact Oil Odor
TW-02D	12:40	Slight Gray Tint	6.55	0.662	29.8	5.24	15.38	-129	16.33	Septic Odor
TW-03S	11:36	Orange Brown	6.53	0.819	>1000	2.32	17.00	22	9.07	No Odor
TW-03D	11:31	Clear	6.74	0.757	13.3	5.76	15.13	-107	11.46	Light Septic Odor
TW-04S	11:10	Light Brown Turbid	6.55	0.843	98.6	1.96	16.31	40	6.66	No Odor
TW-04D	11:16	Clear	6.79	0.773	28.6	2.74	15.06	-133	10.03	Light Septic Odor
TW-05D	12:20	Light Gray Turbid	6.64	0.570	524	3.94	15.21	-142	14.64	Septic Odor
TW-06D	12:05	Light Gray Turbid	6.57	0.540	827	3.66	14.07	-107	12.95	Light Septic Odor
TW-07D	10:45	Clear	6.61	0.613	10.6	2.74	15.60	-95	9.48	Septic Odor
TW-08D	10:35	Light Gray Tint	6.38	0.656	116	2.28	15.72	-99	9.18	Septic Odor
MW-18S	10:55	Light Brown Turbid	6.45	0.709	185	2.01	16.31	6	5.96	No Odor
MW-18D	11:05	Clear	6.83	0.768	14.4	2.85	15.53	-124	9.38	Light Septic Odor
MW-21S	11:50	Light Brown Turbid	6.46	0.776	84.6	9.76	16.15	115	9.06	No Odor
MW-21D	11:58	Clear	6.63	0.560	16.7	3.65	15.34	-108	11.94	Septic Odor
MW-27S	13:35	White Gray	6.44	1.24	868	8.35	15.85	-129	—	Septic Odor
MW-27D	13:25	Clear	6.68	0.656	6.1	10.27	15.13	-82	—	Septic Odor
PW-01D	11:22	Clear	6.63	0.762	10.2	4.91	15.19	-128	11.04	Light Septic Odor
OW-01S	12:14	Brown Turbid	6.42	0.457	723	5.06	16.74	34	10.52	No Odor

Δ Injection Well

SIGNATURE(S): Lo Chen

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Tetra Tech, Inc.

PIM PARAMETER DATA SHEET

Round 6

PROJECT SITE NAME:

Peninsula Boulevard Groundwater Plume Superfund Site

ROUND: Post-Injection Round 4 Sampling

PROJECT NUMBER:

112IG04090

DATE: 12/17/2013 ~ 12/20/2013

Well ID	Date	Time	Visual	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Water Level	General Observations (i.e., Smell)
IW-01S Δ	12/19/13	14:40	Yellow White	5.31	4.66	800	0.00	17.36	-40	14.10	Strong Septic Odor
IW 01D Δ	12/19/13	10:30	Light Gray	6.88	0.693	1.1	0.00	16.60	-132	16.80	Light Septic Odor
TW-01S	12/17/13	15:25	Light Brown	6.65	2.04	89.9	2.76	14.82	104	14.98	No Odor
TW-01D	12/20/13	10:40	Light White	6.25	0.448	800	0.00	15.78	-71	18.95	Light Lactoil and Sour odor
TW-02S	12/17/13	13:40	Light Tan	6.70	0.953	13.6	0.00	17.27	-99	12.15	Light Septic Odor
TW02D	12/19/13	14:55	Hazy White	5.25	1.06	>1000	0.00	13.18	-31	16.31	Light Lactoil and Sour odor
TW-03S	12/18/13	12:00	Clear	6.60	0.471	82.2	0.00	16.47	104	8.51	No Odor
TW-03D	12/18/13	10:00	Light Gray	7.61	0.355	11.5	0.00	14.68	-142	11.84	Light Septic Odor
TW-04S	12/17/13	11:45	Light Tan	6.31	0.917	22.9	0.00	15.15	74	6.04	No Odor
TW-04D	12/17/13	10:40	Clear	7.65	0.714	24.2	0.00	13.68	-178	9.41	Slight Septic Odor
TW-05D	12/19/13	12:45	Hazy White	5.62	0.670	504	0.00	14.35	-148	14.15	Light Lactoil and Sour odor
TW-06D	12/20/13	10:20	Light Gray	6.72	0.598	15.7	0.00	13.79	-105	12.40	Septic Odor
TW-07D	12/18/13	13:45	Clear	7.32	0.925	0.0	0.00	12.48	-149	8.89	Slight Septic Odor
TW-08D	12/18/13	9:40	Clear	7.10	0.587	7.1	0.00	14.28	-133	8.56	Light Septic Odor
MW-18S	12/17/13	10:15	Light Brown Tint	6.75	0.564	33.2	0.38	8.56	118	5.29	No Odor
MW-18D	12/17/13	12:50	Light Gray Tint	7.66	0.393	29.2	0.00	14.76	-166	8.81	Light Septic Odor
MW-21S			Could Not Be Collected								
MW-21D			Could Not Be Collected								
MW-27S	12/19/13	13:25	Clear	6.47	1.14	5.3	0.00	15.65	-127	—	Septic Odor
MW-27D	12/19/13	10:00	Clear	7.70	0.696	0.8	4.27	12.74	-109	—	Slight Septic Odor
PW-01D	12/18/13	14:45	Clear	7.65	0.632	27.0	0.00	15.01	-150	10.45	Slight Septic Odor
OW-01S	12/19/13	9:25	Light Tan	5.45	0.493	7.2	6.75	13.40	348	10.11	No Odor

Δ Injection Well

SIGNATURE(S):

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