Accutest Laboratories Gulf Coast, Inc.			Nov 26, 2014 15:32 pm
Job Number:	TC58179	PRELIMINARY Data	
Account:	Weston Solutions		
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		
Project Number:			

Legend: Hit

Client Sample ID:		DANA-33529	DANA-33529	DANA-FT215005	DANA-FT215005	DANA-FT215012	DANA-FT215012	DANA-FT30335	DANA-FT30335	DANA-FT30338	DANA-FT30338
Lab Sample ID:		TC58179-1	TC58179-1A	TC58179-5	TC58179-5A	TC58179-4	TC58179-4A	TC58179-2	TC58179-2A	TC58179-3	TC58179-3A
Date Sampled:		11/12/2014	11/12/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Matrix:		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
GC/MS Volatiles (SW846 8260C)											
Acetone	ug/l	22700	-	12700	-	24400	-	130000	-	81.1 J	-
Benzene	ug/l	34 U	-	17 U	-	55.9	-	68 U	-	1.7 U	-
Bromobenzene	ug/l	29 U	-	15 U	-	15 U	-	59 U	-	1.5 U	-
Bromochloromethane	ug/l	42 U	-	21 U	-	21 U	-	84 U	-	2.1 U	-
Bromodichloromethane	ug/l	34 U	-	17 U	-	17 U	-	68 U	-	1.7 U	-
Bromoform	ug/l	44 U	-	22 U	-	22 U	-	87 U	-	2.2 U	-
n-Butylbenzene	ug/l	39 U	-	20 U	-	20 U	-	78 U	-	2.0 U	-
sec-Butylbenzene	ug/l	45 U	-	23 U	-	30.4 J	-	94.6 J	-	2.3 U	-
tert-Butylbenzene	ug/l	45 U	-	22 U	-	22 U	-	89 U	-	2.2 U	-
Chlorobenzene	ug/l	27 U	-	13 U	-	13 U	-	53 U	-	1.3 U	-
Chloroethane	ug/l	72 U	-	36 U	-	36 U	-	140 U	-	3.6 U	-
Chloroform	ug/l	35 U	-	17 U	-	17 U	-	69 U	-	1.7 U	-
o-Chlorotoluene	ug/l	36 U	-	107	-	111	-	73 U	-	1.8 U	-
p-Chlorotoluene	ug/l	31 U	-	16 U	-	16 U	-	63 U	-	1.6 U	-
Carbon disulfide	ug/l	36 U	-	18 U	-	18 U	-	72 U	-	3.5 J	-
Carbon tetrachloride	ug/l	43 U	-	22 U	-	22 U	-	87 U	-	2.2 U	-
1,1-Dichloroethane	ug/l	34 U	-	17 U	-	17 U	-	68 U	-	1.7 U	-
1,1-Dichloroethylene	ug/l	45 U	-	23 U	-	23 U	-	90 U	-	2.3 U	-
1,1-Dichloropropene	ug/l	62 U	-	31 U	-	31 U	-	120 U	-	3.1 U	-
1,2-Dibromo-3-chloropropane	ug/l	160 U	-	79 U	-	79 U	-	320 U	-	7.9 U	-
1,2-Dibromoethane	ug/l	34 U	-	17 U	-	17 U	-	67 U	-	1.7 U	-
1,2-Dichloroethane	ug/l	35 U	-	18 U	-	18 U	-	70 U	-	1.8 U	-
1,2-Dichloropropane	ug/l	33 U	-	17 U	-	17 U	-	67 U	-	1.7 U	-
1,3-Dichloropropane	ug/l	32 U	-	16 U	-	16 U	-	64 U	-	1.6 U	-
2,2-Dichloropropane	ug/l	51 U	-	25 U	-	25 U	-	100 U	-	2.5 U	-
Dibromochloromethane	ug/l	37 U	-	18 U	-	18 U	-	74 U	-	1.8 U	-
Dichlorodifluoromethane	ug/l	150 U	-	74 U	-	74 U	-	300 U	-	7.4 U	-
cis-1,2-Dichloroethylene	ug/l	40 U	-	20 U	-	20 U	-	80 U	-	2.0 U	-
cis-1,3-Dichloropropene	ug/l	29 U	-	14 U	-	14 U	-	57 U	-	1.4 U	-
m-Dichlorobenzene	ug/l	33 U	-	17 U	-	17 U	-	66 U	-	1.7 U	-
o-Dichlorobenzene	ug/l	28 U	-	14 U	-	14 U	-	56 U	-	1.4 U	-
p-Dichlorobenzene	ug/l	32 U	-	16 U	-	16 U	-	63 U	-	1.6 U	-
trans-1,2-Dichloroethylene	ug/l	47 U	-	24 U	-	24 U	-	94 U	-	2.4 U	-
trans-1,3-Dichloropropene	ug/l	32 U	-	16 U	-	16 U	-	64 U	-	1.6 U	-
Ethylbenzene	ug/l	96.3 J	-	112	-	265	-	588	-	2.8 J	-
2-Hexanone	ug/l	260 U	-	130 U	-	130 U	-	510 U	-	13 U	-

Hexachlorobutadiene	ug/l	49 U	-	24 U	-	24 U	-	98 U	-	2.4 U	-
Isopropylbenzene	ug/l	45.4 J	-	43.5 J	-	68.4	-	184 J	-	2.0 U	-
p-Isopropyltoluene	ug/l	36 U	-	18.6 J	-	59.5	-	76.0 J	-	1.8 U	-
4-Methyl-2-pentanone	ug/l	220 U	-	1050	-	141 J	-	2540	-	11 U	-
Methyl bromide	ug/l	51 U	-	25 U	-	25 U	-	100 U	-	2.5 U	-
Methyl chloride	ug/l	63 U	-	32 U	-	32 U	-	130 U	-	3.2 U	-
Methylene bromide	ug/l	45 U	-	22 U	-	22 U	-	90 U	-	2.2 U	-
Methylene chloride	ug/l	160 U	-	81 U	-	81 U	-	320 U	-	8.1 U	-
Methyl ethyl ketone	ug/l	577 J	-	1080	-	1700	-	198000	-	18.1 J	-
Methyl Tert Butyl Ether	ug/l	30 U	-	15 U	-	48.8 J	-	437	-	1.5 U	-
Naphthalene	ug/l	2640	-	110 J	-	653	-	1160	-	33.0	-
n-Propylbenzene	ug/l	162	-	106	-	165	-	155 J	-	2.4 J	-
Styrene	ug/l	29 U	-	16.7 J	-	15 U	-	59 U	-	1.5 U	-
1,1,1,2-Tetrachloroethane	ug/l	37 U	-	18 U	-	18 U	-	74 U	-	1.8 U	-
1,1,1-Trichloroethane	ug/l	43 U	-	21 U	-	21 U	-	86 U	-	2.1 U	-
1,1,2,2-Tetrachloroethane	ug/l	40 U	-	20 U	-	20 U	-	81 U	-	2.0 U	-
1,1,2-Trichloroethane	ug/l	35 U	-	17 U	-	17 U	-	69 U	-	1.7 U	-
1,2,3-Trichlorobenzene	ug/l	42 U	-	21 U	-	21 U	-	83 U	-	2.1 U	-
1,2,3-Trichloropropane	ug/l	46 U	-	23 U	-	23 U	-	92 U	-	2.3 U	-
1,2,4-Trichlorobenzene	ug/l	41 U	-	20 U	-	20 U	-	81 U	-	2.0 U	-
1,2,4-Trimethylbenzene	ug/l	1700	-	861	-	1540	-	1380	-	33.5	-
1,3,5-Trimethylbenzene	ug/l	416	-	260	-	431	-	364	-	10.3	-
Tetrachloroethylene	ug/l	46 U	-	23 U	-	485	-	92 U	-	2.3 U	-
Toluene	ug/l	33 U	-	135	-	727	-	1100	-	2.2 J	-
Trichloroethylene	ug/l	49 U	-	24 U	-	24 U	-	98 U	-	2.4 U	-
Trichlorofluoromethane	ug/l	75 U	-	38 U	-	38 U	-	150 U	-	3.8 U	-
Vinyl chloride	ug/l	79 U	-	40 U	-	40 U	-	160 U	-	4.0 U	-
Xylene (total)	ug/l	674	-	612	-	1520	-	1210	-	19.8	-
m,p-Xylene	ug/l	443	-	423	-	1060	-	817	-	14.0	-
o-Xylene	ug/l	230	-	189	-	461	-	388	-	5.8	-
GC/MS Semi-volatiles (SW846 8270D)											
Benzoic Acid	ug/l	15700	-	1140	-	13200	-	9230	-	24.1	-
2-Chlorophenol	ug/l	53 U	-	12 U	-	21 U	-	21 U	-	1.0 U	-
4-Chloro-3-methyl phenol	ug/l	64 U	-	745	-	503	-	26 U	-	1.2 U	-
2,4-Dichlorophenol	ug/l	62 U	-	14 U	-	24 U	-	25 U	-	1.2 U	-
2,4-Dimethylphenol	ug/l	59 U	-	13 U	-	61.5 J	-	61.3 J	-	1.1 U	-
2,4-Dinitrophenol	ug/l	560 U	-	120 U	-	220 U	-	220 U	-	11 U	-
4,6-Dinitro-o-cresol	ug/l	310 U	-	68 U	-	120 U	-	120 U	-	5.8 U	-
2-Methylphenol	ug/l	54 U	-	12 U	-	113	-	123	-	1.0 U	-
3&4-Methylphenol	ug/l	60 U	-	133	-	306	-	205	-	1.1 U	-
2-Nitrophenol	ug/l	62 U	-	14 U	-	24 U	-	25 U	-	1.2 U	-
4-Nitrophenol	ug/l	400 U	-	88 U	-	160 U	-	160 U	-	7.5 U	-
Pentachlorophenol	ug/l	560 U	-	120 U	-	220 U	-	220 U	-	11 U	-
Phenol	ug/l	164 J	-	248	-	360	-	2960	-	1.5 U	-
2,4,5-Trichlorophenol	ug/l	54 U	-	12 U	-	21 U	-	22 U	-	1.0 U	-
2,4,6-Trichlorophenol	ug/l	62 U	-	14 U	-	24 U	-	25 U	-	1.2 U	-
Acenaphthene	ug/l	676	-	15 U	-	26 U	-	27 U	-	1.3 U	-
Acenaphthylene	ug/l	65 U	-	14 U	-	25 U	-	26 U	-	1.2 U	-
Aniline	ug/l	72 U	-	16 U	-	28 U	-	29 U	-	1.4 U	-
Anthracene	ug/l	427	-	17 U	-	30 U	-	31 U	-	1.5 U	-
Benzidine	ug/l	540 U	-	120 U	-	210 U	-	220 U	-	10 U	-
Benzo(a)anthracene	ug/l	96.4 J	-	18 U	-	32 U	-	33 U	-	1.6 U	-

Benzo(a)pyrene	ug/l	74 U	-	16 U	-	29 U	-	30 U	-	1.4 U	-
Benzo(b)fluoranthene	ug/l	66 U	-	15 U	-	26 U	-	26 U	-	1.3 U	-
Benzo(g,h,i)perylene	ug/l	82 U	-	18 U	-	32 U	-	33 U	-	1.6 U	-
Benzo(k)fluoranthene	ug/l	84 U	-	19 U	-	33 U	-	34 U	-	1.6 U	-
4-Bromophenyl phenyl ether	ug/l	66 U	-	14 U	-	26 U	-	26 U	-	1.2 U	-
Butyl benzyl phthalate	ug/l	70 U	-	15 U	-	27 U	-	28 U	-	1.3 U	-
Benzyl Alcohol	ug/l	3760	-	11 U	-	901	-	19 U	-	0.92 U	-
2-Chloronaphthalene	ug/l	72 U	-	16 U	-	28 U	-	29 U	-	1.4 U	-
4-Chloroaniline	ug/l	61 U	-	13 U	-	24 U	-	24 U	-	1.1 U	-
Carbazole	ug/l	77 U	-	17 U	-	30 U	-	31 U	-	1.5 U	-
Chrysene	ug/l	161 J	-	19 U	-	34 U	-	35 U	-	1.7 U	-
bis(2-Chloroethoxy)methane	ug/l	64 U	-	14 U	-	25 U	-	26 U	-	1.2 U	-
bis(2-Chloroethyl)ether	ug/l	53 U	-	12 U	-	21 U	-	21 U	-	1.0 U	-
bis(2-Chloroisopropyl)ether	ug/l	50 U	-	11 U	-	19 U	-	20 U	-	0.94 U	-
4-Chlorophenyl phenyl ether	ug/l	71 U	-	16 U	-	28 U	-	28 U	-	1.3 U	-
1,2-Dichlorobenzene	ug/l	60 U	-	13 U	-	23 U	-	24 U	-	1.1 U	-
1,2-Diphenylhydrazine	ug/l	74 U	-	16 U	-	29 U	-	30 U	-	1.4 U	-
1,3-Dichlorobenzene	ug/l	61 U	-	13 U	-	24 U	-	24 U	-	1.2 U	-
1,4-Dichlorobenzene	ug/l	60 U	-	13 U	-	23 U	-	24 U	-	1.1 U	-
2,4-Dinitrotoluene	ug/l	69 U	-	15 U	-	27 U	-	28 U	-	1.3 U	-
2,6-Dinitrotoluene	ug/l	57 U	-	12 U	-	22 U	-	23 U	-	1.1 U	-
3,3'-Dichlorobenzidine	ug/l	72 U	-	16 U	-	28 U	-	29 U	-	1.4 U	-
Dibenzo(a,h)anthracene	ug/l	76 U	-	17 U	-	30 U	-	30 U	-	1.4 U	-
Dibenzofuran	ug/l	70 U	-	15 U	-	27 U	-	28 U	-	1.3 U	-
Di-n-butyl phthalate	ug/l	74 U	-	16 U	-	29 U	-	30 U	-	1.4 U	-
Di-n-octyl phthalate	ug/l	65 U	-	14 U	-	25 U	-	26 U	-	1.2 U	-
Diethyl phthalate	ug/l	77 U	-	17 U	-	30 U	-	31 U	-	1.5 U	-
Dimethyl phthalate	ug/l	77 U	-	17 U	-	30 U	-	31 U	-	1.5 U	-
bis(2-Ethylhexyl)phthalate	ug/l	87.8 J	-	46.0 J	-	32 U	-	33 U	-	5.1 J	-
Fluoranthene	ug/l	123 J	-	17 U	-	30 U	-	31 U	-	1.5 U	-
Fluorene	ug/l	845	-	15 U	-	27 U	-	30.2 J	-	1.3 U	-
Hexachlorobenzene	ug/l	86 U	-	19 U	-	34 U	-	34 U	-	1.6 U	-
Hexachlorobutadiene	ug/l	67 U	-	15 U	-	26 U	-	27 U	-	1.3 U	-
Hexachlorocyclopentadiene	ug/l	68 U	-	15 U	-	27 U	-	27 U	-	1.3 U	-
Hexachloroethane	ug/l	69 U	-	15 U	-	27 U	-	28 U	-	1.3 U	-
Indeno(1,2,3-cd)pyrene	ug/l	58 U	-	13 U	-	23 U	-	23 U	-	1.1 U	-
Isophorone	ug/l	66 U	-	15 U	-	26 U	-	26 U	-	1.3 U	-
1-Methylnaphthalene	ug/l	7930	-	13 U	-	55.1 J	-	247	-	1.2 J	-
2-Methylnaphthalene	ug/l	12600	-	17.8 J	-	99.7 J	-	323	-	2.2 J	-
2-Nitroaniline	ug/l	73 U	-	16 U	-	28 U	-	29 U	-	1.4 U	-
3-Nitroaniline	ug/l	69 U	-	15 U	-	27 U	-	28 U	-	1.3 U	-
4-Nitroaniline	ug/l	75 U	-	17 U	-	29 U	-	30 U	-	1.4 U	-
Naphthalene	ug/l	2510	-	13 U	-	36.6 J	-	98.2 J	-	1.8 J	-
Nitrobenzene	ug/l	64 U	-	14 U	-	25 U	-	26 U	-	1.2 U	-
n-Nitrosodimethylamine	ug/l	57 U	-	13 U	-	22 U	-	23 U	-	1.1 U	-
N-Nitroso-di-n-propylamine	ug/l	60 U	-	13 U	-	23 U	-	24 U	-	1.1 U	-
N-Nitrosodiphenylamine	ug/l	79 U	-	17 U	-	31 U	-	32 U	-	1.5 U	-
Phenanthrene	ug/l	2780	-	18 U	-	32 U	-	52.6 J	-	1.6 U	-
Pyrene	ug/l	661	-	18 U	-	31 U	-	43.9 J	-	1.9 J	-
Pyridine	ug/l	70 U	-	15 U	-	27 U	-	28 U	-	1.3 U	-
1,2,4-Trichlorobenzene	ug/l	59 U	-	13 U	-	23 U	-	24 U	-	1.1 U	-

GC Semi-volatiles (SW846 8081A)											
Aldrin	ug/l	0.57 U	-	0.22 U	-	0.22 U	-	0.16 U	-	0.17 U	-
alpha-BHC	ug/l	1.2 U	-	0.47 U	-	0.48 U	-	0.33 U	-	0.37 U	-
beta-BHC	ug/l	0.66 U	-	0.25 U	-	0.26 U	-	0.18 U	-	0.20 U	-
delta-BHC	ug/l	0.57 U	-	0.22 U	-	0.22 U	-	0.16 U	-	0.17 U	-
gamma-BHC (Lindane)	ug/l	0.98 U	-	0.37 U	-	0.38 U	-	0.27 U	-	0.30 U	-
alpha-Chlordane	ug/l	0.62 U	-	0.24 U	-	0.24 U	-	0.17 U	-	0.19 U	-
gamma-Chlordane	ug/l	0.61 U	-	0.23 U	-	0.24 U	-	0.17 U	-	0.18 U	-
Dieldrin	ug/l	1.1 U	-	0.44 U	-	0.45 U	-	0.31 U	-	0.35 U	-
4,4'-DDD	ug/l	1.9 U	-	0.72 U	-	0.73 U	-	0.51 U	-	0.57 U	-
4,4'-DDE	ug/l	1.4 U	-	0.54 U	-	0.55 U	-	0.38 U	-	0.43 U	-
4,4'-DDT	ug/l	2.1 U	-	0.82 U	-	0.83 U	-	0.58 U	-	0.65 U	-
Endrin	ug/l	1.1 U	-	0.44 U	-	0.45 U	-	0.31 U	-	0.35 U	-
Endosulfan sulfate	ug/l	1.2 U	-	0.46 U	-	0.46 U	-	0.33 U	-	0.36 U	-
Endrin aldehyde	ug/l	2.1 U	-	0.79 U	-	0.80 U	-	0.56 U	-	0.62 U	-
Endrin ketone	ug/l	1.7 U	-	0.67 U	-	0.68 U	-	0.48 U	-	0.53 U	-
Endosulfan-I	ug/l	1.1 U	-	0.40 U	-	0.41 U	-	0.29 U	-	0.32 U	-
Endosulfan-II	ug/l	1.2 U	-	0.45 U	-	0.46 U	-	0.32 U	-	0.36 U	-
Heptachlor	ug/l	0.57 U	-	0.22 U	-	0.22 U	-	0.16 U	-	0.17 U	-
Heptachlor epoxide	ug/l	0.65 U	-	0.25 U	-	0.25 U	-	0.18 U	-	0.20 U	-
Methoxychlor	ug/l	7.3 U	-	2.8 U	-	2.8 U	-	2.0 U	-	2.2 U	-
Toxaphene	ug/l	7.1 U	-	2.7 U	-	2.7 U	-	1.9 U	-	2.1 U	-
GC Semi-volatiles (SW846 8082)											
Aroclor 1016	ug/l	5.7 U	-	44 U	-	11 U	-	0.23 U	-	0.21 U	-
Aroclor 1221	ug/l	5.4 U	-	42 U	-	11 U	-	0.22 U	-	0.20 U	-
Aroclor 1232	ug/l	4.6 U	-	36 U	-	8.9 U	-	0.18 U	-	0.17 U	-
Aroclor 1242	ug/l	3.3 U	-	25 U	-	6.3 U	-	0.13 U	-	0.12 U	-
Aroclor 1248	ug/l	2.7 U	-	21 U	-	5.3 U	-	0.11 U	-	0.10 U	-
Aroclor 1254	ug/l	2.7 U	-	21 U	-	5.3 U	-	0.11 U	-	0.10 U	-
Aroclor 1260	ug/l	3.3 U	-	25 U	-	6.3 U	-	0.13 U	-	0.12 U	-
GC Semi-volatiles (SW846 8151)											
2,4-D	ug/l	523	-	2.2 U	-	506	-	2.2 U	-	2.2 U	-
2,4,5-TP (Silvex)	ug/l	8.4 J	-	0.44 U	-	2.2 U	-	0.44 U	-	0.45 U	-
2,4,5-T	ug/l	1.9 U	-	0.37 U	-	1.8 U	-	0.37 U	-	0.38 U	-
GC Semi-volatiles (TNRCC 1005)											
TPH (C6-C12)	mg/l	1510	-	237	-	698	-	839	-	71.0 J	-
TPH (>C12-C28)	mg/l	22200	-	4330	-	13900	-	6360	-	2260	-
TPH (>C28-C35)	mg/l	2300	-	1760	-	7300	-	1920	-	1230	-
TPH (C6-C35)	mg/l	26000	-	6330	-	21900	-	9120	-	3560	-
Metals Analysis											
Aluminum	mg/l	84.0	-	7.05	-	10.8 [a]	-	21.5 [a]	-	9.16	-
Antimony	mg/l	0.0960	-	0.0430	-	0.344 [a]	-	0.236 [a]	-	0.0073	-
Arsenic	mg/l	0.104	0.014 J	0.0324	0.014 J	0.0457 [a]	0.035 J	0.151 [a]	0.026 J	0.0127	0.0064 J
Barium	mg/l	3.22	0.068 J	0.655	0.093 J	1.43 [a]	0.054 J	2.93 [a]	0.13 J	0.227	0.017 U
Beryllium	mg/l	0.0029 J	-	0.00055 J	-	0.0018 U [a]	-	0.00090 U	-	0.00018 U	-

								a			
Cadmium	mg/l	0.0422	0.0012 J	0.0048	0.00045 U	0.0152 J [a]	0.00045 U	0.0172 J [a]	0.00065 J	0.00095 J	0.00045 U
Calcium	mg/l	248	-	118	-	536 [a]	-	310 [a]	-	78.6	-
Chromium	mg/l	0.550	0.067	0.122	0.050	0.215 [a]	0.068	0.228 [a]	0.020 J	0.107	0.046 J
Cobalt	mg/l	0.0278 J	-	0.0653	-	0.0183 J [a]	-	0.0950 J [a]	-	0.0494 J	-
Copper	mg/l	5.62	-	1.37	-	2.24 [a]	-	1.64 [a]	-	0.0322	-
Iron	mg/l	158	-	53.8	-	101 [a]	-	295 [a]	-	113	-
Lead	mg/l	1.02 [a]	0.0089 U	0.383	0.13	0.522 [a]	0.012 J	0.552 [a]	0.020 J	0.0212	0.0089 U
Magnesium	mg/l	25.5	-	17.7	-	65.8 [a]	-	59.2 [a]	-	14.4	-
Manganese	mg/l	2.20	-	3.84	-	11.7 [a]	-	4.50 [a]	-	0.877	-
Mercury	mg/l	0.0033	0.000050 U	0.000050 U	0.000050 U	0.00066	0.000050 U	1.52	0.014	0.0047	0.000050 U
Nickel	mg/l	0.300 [a]	-	0.470	-	0.241 [a]	-	0.441 [a]	-	0.226	-
Potassium	mg/l	257	-	103	-	175 [a]	-	40.7 [a]	-	119	-
Selenium	mg/l	0.0094	0.020 J	0.0171	0.019 J	0.0240 J [a]	0.021 J	0.0178 J [a]	0.010 J	0.0030 J	0.011 J
Silver	mg/l	0.0051 J	0.0012 U	0.0016 J	0.0012 U	0.0059 U [a]	0.0012 U	0.0154 J [a]	0.0012 U	0.0024 J	0.0012 U
Sodium	mg/l	2060	-	414	-	492 [a]	-	576 [a]	-	1150	-
Thallium	mg/l	0.010 U [a]	-	0.010 U [a]	-	0.010 U [a]	-	0.0396 J [a]	-	0.0021 U	-
Vanadium	mg/l	0.139	-	0.0533	-	0.0501 J [a]	-	0.506 [a]	-	0.0318 J	-
Zinc	mg/l	19.6	-	3.61	-	19.1 [a]	-	24.4 [a]	-	0.717	-
General Chemistry											
Corrosivity as pH		4.4 [b]	-	7.4 [c]	-	4.9 [d]	-	7.1 [d]	-	9.0 [c]	-
Cyanide Reactivity	mg/l	0.055 J	-	0.052 U	-	0.052 U	-	0.052 U	-	0.052 U	-
Heat Content, BTU	BTU/lb	905 [e]	-	1360 [e]	-	1400 [e]	-	273 [e]	-	1740 [e]	-
Ignitability (Flashpoint)	Deg. F	>200	-	>200	-	>200	-	>200	-	>200	-
Moisture, Karl Fischer	wt%	88.80	-	45.50	-	91.50	-	93.90	-	91.40	-
Percent Sulfur	%	0.15 [e]	-	0.031 U [e]	-	0.031 U [e]	-	0.031 U [e]	-	0.031 U [e]	-
Solids, Total	mg/l	34000	-	7540	-	13900	-	17300	-	6040	-
Solids, Total Suspended	mg/l	6020	-	590	-	6540	-	2560	-	640	-
Sulfide Reactivity	mg/l	6.1 U	-	6.1 U	-	6.1 U	-	6.1 U	-	6.1 U	-
Total Organic Carbon	mg/l	5860	-	4160	-	8470	-	6370	-	265	-
Total Organic Halides	mg/l	7.6 [f]	-	14.7 [f]	-	4.9 [f]	-	1.3 [f]	-	0.71 [f]	-
pH	su	4.43 [g]	-	7.35 [h]	-	4.93 [i]	-	7.10 [i]	-	9.01 [h]	-
GC/MS Volatiles (SW846 8260C)											
Benzene	mg/l	-	0.017 U	-	0.0034 U	-	0.0215	-	0.017 U	-	0.0034 U
Chlorobenzene	mg/l	-	0.013 U	-	0.0027 U	-	0.0053 U	-	0.013 U	-	0.0027 U
Chloroform	mg/l	-	0.017 U	-	0.0035 U	-	0.0069 U	-	0.017 U	-	0.0035 U
Carbon tetrachloride	mg/l	-	0.022 U [j]	-	0.0043 U [j]	-	0.0087 U [j]	-	0.022 U [j]	-	0.0043 U [j]
1,1-Dichloroethylene	mg/l	-	0.023 U	-	0.0045 U	-	0.0090 U	-	0.023 U	-	0.0045 U
1,2-Dichloroethane	mg/l	-	0.018 U	-	0.0035 U	-	0.0070 U	-	0.018 U	-	0.0035 U
Methyl ethyl ketone	mg/l	-	0.558	-	1.00	-	1.53	-	194	-	0.027 U
Tetrachloroethylene	mg/l	-	0.023 U	-	0.0053 J	-	0.0123 J	-	0.023 U	-	0.0046 U
Trichloroethylene	mg/l	-	0.024 U	-	0.0049 U	-	0.0098 U	-	0.024 U	-	0.0049 U
Vinyl chloride	mg/l	-	0.040 U	-	0.0079 U	-	0.016 U	-	0.040 U	-	0.0079 U
GC/MS Semi-volatiles (SW846 8270D)											
2-Methylphenol	mg/l	-	0.465 J	-	0.096 U	-	0.539	-	1.47	-	0.0096 U
3&4-Methylphenol	mg/l	-	0.594	-	1.43	-	1.60	-	2.45	-	0.011 U

Pentachlorophenol	mg/l	-	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U	-	0.10 U
2,4,5-Trichlorophenol	mg/l	-	0.098 U	-	0.098 U	-	0.098 U	-	0.098 U	-	0.0098 U
2,4,6-Trichlorophenol	mg/l	-	0.11 U	-	0.11 U	-	0.11 U	-	0.11 U	-	0.011 U
1,4-Dichlorobenzene	mg/l	-	0.11 U	-	0.11 U	-	0.11 U	-	0.11 U	-	0.011 U
2,4-Dinitrotoluene	mg/l	-	0.13 U	-	0.13 U	-	0.13 U	-	0.13 U	-	0.013 U
Hexachlorobenzene	mg/l	-	0.16 U	-	0.16 U	-	0.16 U	-	0.16 U	-	0.016 U
Hexachlorobutadiene	mg/l	-	0.12 U	-	0.12 U	-	0.12 U	-	0.12 U	-	0.012 U
Hexachloroethane	mg/l	-	0.13 U	-	0.13 U	-	0.13 U	-	0.13 U	-	0.013 U
Nitrobenzene	mg/l	-	0.12 U	-	0.12 U	-	0.12 U	-	0.12 U	-	0.012 U
Pyridine	mg/l	-	0.13 U	-	0.132 J	-	0.13 U	-	0.13 U	-	0.013 U
GC Semi-volatiles (SW846 8081A)											
gamma-BHC (Lindane)	mg/l	-	0.0017 U	-	0.0017 U	-	0.0017 U	-	0.00017 U	-	0.0017 U
Chlordane	mg/l	-	0.015 U	-	0.015 U	-	0.015 U	-	0.0015 U	-	0.015 U
Endrin	mg/l	-	0.0018 U	-	0.0018 U	-	0.0018 U	-	0.00018 U	-	0.0018 U
Heptachlor	mg/l	-	0.00084 U	-	0.00084 U	-	0.00084 U	-	0.000084 U	-	0.00084 U
Heptachlor epoxide	mg/l	-	0.0011 U	-	0.0011 U	-	0.0011 U	-	0.00011 U	-	0.0011 U
Methoxychlor	mg/l	-	0.013 U	-	0.013 U	-	0.013 U	-	0.0013 U	-	0.013 U
Toxaphene	mg/l	-	0.012 U	-	0.012 U	-	0.012 U	-	0.0012 U	-	0.012 U
GC Semi-volatiles (SW846 8151)											
2,4-D	mg/l	-	0.789	-	0.014 U	-	2.53	-	0.014 U	-	0.0014 U
2,4,5-TP (Silvex)	mg/l	-	0.0040 U	-	0.0040 U	-	0.020 U	-	0.0040 U	-	0.00040 U
Metals Analysis											
Arsenic	mg/l	0.104	0.014 J	0.0324	0.014 J	0.0457 [a]	0.035 J	0.151 [a]	0.026 J	0.0127	0.0064 J
Barium	mg/l	3.22	0.068 J	0.655	0.093 J	1.43 [a]	0.054 J	2.93 [a]	0.13 J	0.227	0.017 U
Cadmium	mg/l	0.0422	0.0012 J	0.0048	0.00045 U	0.0152 J [a]	0.00045 U	0.0172 J [a]	0.00065 J	0.00095 J	0.00045 U
Chromium	mg/l	0.550	0.067	0.122	0.050	0.215 [a]	0.068	0.228 [a]	0.020 J	0.107	0.046 J
Lead	mg/l	1.02 [a]	0.0089 U	0.383	0.13	0.522 [a]	0.012 J	0.552 [a]	0.020 J	0.0212	0.0089 U
Mercury	mg/l	0.0033	0.000050 U	0.000050 U	0.000050 U	0.00066	0.000050 U	1.52	0.014	0.0047	0.000050 U
Selenium	mg/l	0.0094	0.020 J	0.0171	0.019 J	0.0240 J [a]	0.021 J	0.0178 J [a]	0.010 J	0.0030 J	0.011 J
Silver	mg/l	0.0051 J	0.0012 U	0.0016 J	0.0012 U	0.0059 U [a]	0.0012 U	0.0154 J [a]	0.0012 U	0.0024 J	0.0012 U

Footnotes:

[a] Elevated reporting limit due to dilution required for matrix interference.

[b] temp. 21.5 c

[c] temp. 21.3 c

[d] temp. 21.4 c

[e] Analysis performed at Accutest Laboratories, Dayton, NJ.

[f] Second column analysis indicates possible matrix interference and possible high bias. Analysis performed at Accutest Laboratories, Dayton, NJ.

[g] Field analysis required. Received out of hold time and analyzed by request. temp. 21.5 c

[h] Field analysis required. Received out of hold time and analyzed by request. temp. 21.3 c

[i] Field analysis required. Received out of hold time and analyzed by request. temp. 21.4 c

[j] CCV recovery was above method acceptance criteria. This target analyte was not detected in the sample.