TABLE 1
SUMMARY OF PRELIMINARY LABORATORY ANALYTICAL RESULTS
DELTECH RESINS (NEWCHEM)
NEW CUMBERLAND, HANCOCK COUNTY, WEST VIRGINIA
CEC PROJECT #110-108

Sample ID:	**B-1 (40.0-41.5')**	**B-2 (35.0-36.5')**
Date Collected:	**8/8/2019**	**8/9/2019**
Pesticides (mg/Kg)		
4,4'-DDD	< 0.0067 H	< 0.014
4,4´-DDE	< 0.008 H	< 0.017
4,4´-DDT	< 0.0085 H	< 0.018
Aldrin	< 0.0044 H	< 0.0091
alpha-BHC	< 0.0057 H	< 0.012
alpha-Chlordane	< 0.006 H	< 0.012
beta-BHC	< 0.0056 H	< 0.012
Chlordane, Technical	< 0.059 H	< 0.12
delta-BHC	< 0.0063 H	< 0.013
Dieldrin	< 0.0067 H	< 0.014
Endosulfan I	< 0.0074 H	< 0.015
Endosulfan II	< 0.0053 H	< 0.011
Endosulfan sulfate	< 0.0057 H	< 0.012
Endrin	< 0.0062 H	< 0.013
Endrin aldehyde	< 0.01 H	< 0.022
Endrin ketone	< 0.0052 H	< 0.011
gamma-BHC (Lindane)	< 0.0058 H	< 0.012
gamma-Chlordane	< 0.0074 H	< 0.015
Heptachlor	< 0.0045 H	< 0.0093
Heptachlor epoxide	< 0.0057 H	< 0.012
Methoxychlor	< 0.0077 H	< 0.016
Toxaphene	< 0.065 H	< 0.13
Semi-Volatile Organic Compounds (SVOCs) (mg/Kg)		
1,1`-Biphenyl	**5.4**	**82**
1,2,4,5-Tetrachlorobenzene	< 0.3	< 1.5
2,2`-Oxybis(1-chloropropane)	< 0.09	< 0.46
2,3,4,6-Tetrachlorophenol	< 0.1	< 0.51
2,4,5-Trichlorophenol	< 0.1	< 0.53
2,4,6-Trichlorophenol	< 0.1	< 0.52
2,4-Dichlorophenol	< 0.081	< 0.41
2,4-Dimethylphenol	**0.4**	< 0.4
2,4-Dinitrophenol	< 0.21	< 1.1
2,4-Dinitrotoluene	< 0.1	< 0.51
2,6-Dinitrotoluene	< 0.063	< 0.32
2-Chloronaphthalene	< 0.054	< 0.27
2-Chlorophenol	< 0.12	< 0.61
2-Methylnaphthalene	**11**	**120**
2-Methylphenol	< 0.1	< 0.53
2-Nitroaniline	< 0.088	< 0.45
2-Nitrophenol	< 0.11	< 0.56
3&4-Methylphenol	< 0.077	< 0.39
3,3´-Dichlorobenzidine	< 0.057	< 0.29
3-Nitroaniline	< 0.088	< 0.45
4,6-Dinitro-2-methylphenol	< 0.097	< 0.49
4-Bromophenyl phenyl ether	< 0.1	< 0.52
4-Chloro-3-methylphenol	< 0.11	< 0.56
4-Chloroaniline	**1.5**	< 0.31
4-Chlorophenyl phenyl ether	< 0.11	< 0.54

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4-Nitroaniline	< 0.6	< 3
4-Nitrophenol	< 0.34	< 1.7
Acenaphthene	**32**	**360**
Acenaphthylene	**0.55**	**7.5**
Acetophenone	< 0.06	< 0.31
Anthracene	**29**	**180**
Atrazine	< 0.061	< 0.31
Benzaldehyde	< 0.59	< 3
Benzo(a)anthracene	**0.55**	**5.6**
Benzo(a)pyrene	**0.2**	**2.2**
Benzo(b)fluoranthene	**0.28**	**2.9**
Benzo(g,h,i)perylene	< 0.059	**0.86**
Benzo(k)fluoranthene	**0.12**	**1.3**
Bis(2-chloroethoxy)methane	< 0.037	< 0.19
Bis(2-chloroethyl)ether	< 0.11	< 0.55
Bis(2-ethylhexyl)phthalate	< 0.067	< 0.34
Butyl benzyl phthalate	< 0.065	< 0.33
Caprolactam	< 0.13	< 0.67
Carbazole	**4**	**5.9**
Chrysene	**0.39**	**4.1**
Dibenzo(a,h)anthracene	< 0.042	< 0.21
Dibenzofuran	**19**	**220**
Diethyl phthalate	< 0.059	< 0.3
Dimethyl phthalate	< 0.075	< 0.38
Di-n-butyl phthalate	< 0.07	< 0.36
Di-n-octyl phthalate	< 0.074	< 0.37
Fluoranthene	**5.8**	**40**
Fluorene	**22**	**370**
Hexachlorobenzene	< 0.11	< 0.57
Hexachlorobutadiene	< 0.21	< 1.1
Hexachlorocyclopentadiene	< 0.13	< 0.67
Hexachloroethane	< 0.16	< 0.81
Indeno(1,2,3-cd)pyrene	**0.092**	**1**
Isophorone	< 0.075	< 0.38
Naphthalene	**44**	**350**
Nitrobenzene	< 0.13	< 0.66
N-Nitrosodi-n-propylamine	< 0.063	< 0.32
N-Nitrosodiphenylamine	< 0.037	< 0.19
Pentachlorophenol	< 0.14	< 0.72
Phenanthrene	**220**	**1300**
Phenol	< 0.095	< 0
Pyrene	**2.7**	**29**
Methylphenol, Total	< 0.18	< 0.92
Volatile Organic Compounds (VOCs) (mg/Kg)		
1,1,1-Trichloroethane	< 0.02	< 0.021
1,1,2,2-Tetrachloroethane	< 0.019	< 0.02
1,1,2-Trichloroethane	< 0.018	< 0.019
1,1,2-Trichlorotrifluoroethane	< 0.027	< 0.029
1,1-Dichloroethane	< 0.016	< 0.017
1,1-Dichloroethene	< 0.014	< 0.015
1,2,3-Trichlorobenzene	< 0.052	< 0.055
1,2,4-Trichlorobenzene	< 0.049	< 0.052
1,2-Dibromo-3-chloropropane	< 0.04	< 0.042
1,2-Dibromoethane	< 0.012	< 0.013

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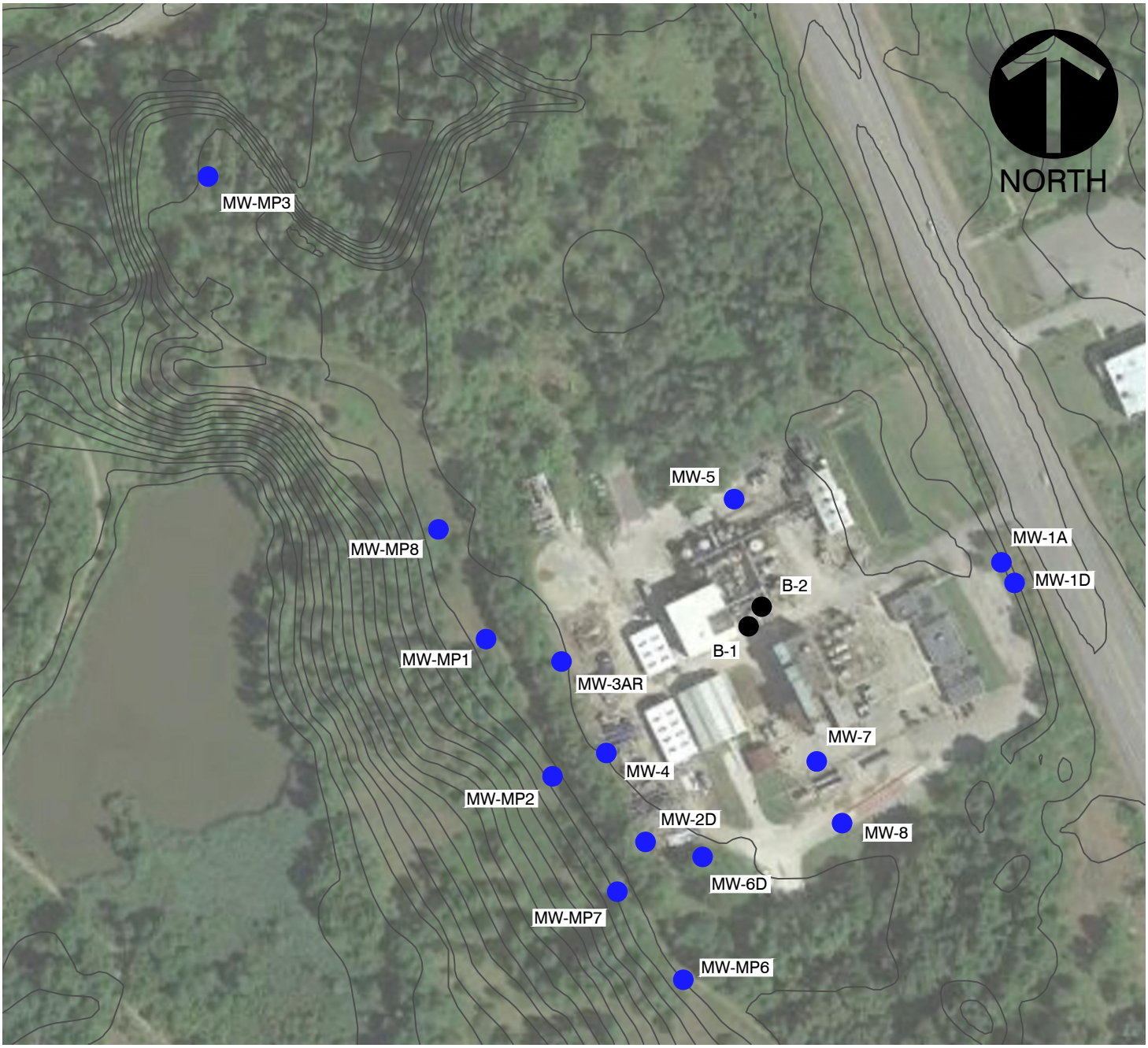
1,2-Dichlorobenzene	< 0.016	< 0.017
1,2-Dichloroethane	< 0.065	< 0.068
1,2-Dichloropropane	< 0.032	< 0.034
1,3-Dichlorobenzene	< 0.014	< 0.015
1,4-Dichlorobenzene	< 0.01	< 0.011
2-Butanone	< 0.036	< 0.038
2-Hexanone	< 0.021	< 0.023
4-Methyl-2-pentanone	< 0.04	< 0.043
Acetone	< 0.13	< 0.14
Benzene	< 0.0074	< 0.0078
Bromochloromethane	< 0.022	< 0.023
Bromodichloromethane	< 0.024	< 0.026
Bromoform	< 0.018	< 0.019
Bromomethane	< 0.083	< 0.087
Carbon disulfide	< 0.022	< 0.024
Carbon tetrachloride	< 0.017	< 0.018
Chlorobenzene	**0.34**	**0.78**
Chloroethane	< 0.043	< 0.045
Chloroform	< 0.016	< 0.017
Chloromethane	< 0.12	< 0.12
cis-1,2-Dichloroethene	< 0.014	< 0.014
cis-1,3-Dichloropropene	< 0.033	< 0.034
Cyclohexane	< 0.014	< 0.015
Dibromochloromethane	< 0.024	< 0.026
Dichlorodifluoromethane	< 0.052	< 0.055
Ethylbenzene	**24**	**90**
Isopropylbenzene	**0.31**	**1.9**
m,p-Xylene	**130**	**390**
Methyl acetate	< 0.052	< 0.055
Methyl tert-butyl ether	< 0.012	< 0.013
Methylcyclohexane	< 0.016	< 0.017
Methylene chloride	< 0.11	< 0.12
o-Xylene	**22**	**74**
Styrene	< 0.017	< 0.018
Tetrachloroethene	< 0.013	**0.061**
Toluene	**0.23**	**4.8**
trans-1,2-Dichloroethene	< 0.016	< 0.017
trans-1,3-Dichloropropene	< 0.024	< 0.025
Trichloroethene	< 0.019	< 0.02
Trichlorofluoromethane	< 0.022	< 0.023
Vinyl chloride	< 0.029	< 0.03
Xylenes, Total	**170**	**500**

Notes

< - Denotes analyte was not detected above the laboratory method detection limit

"nse" - Denotes no standard has been established

H - Analyzed outside of Holding Time



LEGEND

- GROUNDWATER MONITORING WELL LOCATIONS
- APPROXIMATE GEOTECHNICAL SOIL BORING LOCATIONS

REFERENCE

1. AERIAL PHOTOGRAPHY COPYRIGHT GOOGLE EARTH PRO VERSION 7.3.2, IMAGERY DATE 8/21/2015.
2. WELL AND SAMPLING LOCATIONS TAKEN FROM DRAWING PRVODED BY TRIAD ENGINEERING, INC. DWG NO. 01–05–0209, SCALE 1"=200', AND DATED 05–17–06.

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NEW CHEM
NEW CUMBERLAND
HANCOCK COUNTY, WEST VIRGINIA

SITE PLAN

DRAWN BY:	SCC	CHECKED BY:	BJH	APPROVED BY:	*HTW	FIGURE NO.:	1
DATE:	9/13/2019	DWG SCALE:	1"=200'	PROJECT NO:	110-108.0001		

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