HW-06
EPA Validated Data Summary Report
Dimock Residential Sampling
Sample Date: 1/26/2012

Sample Number	Analyte	Result		Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	2-Butanol	10.00	U	ug/mL										
HW06	Ethanol	10.00	U	ug/mL										
HW06	Methanol	10.00	U	ug/mL	7.80	ug/mL								
HW06	Anionic Surfactants	0.01	U	mg/L										
HW06	Heterotrophic Plate Count		R	cfu/1mL										
HW06	Total Coliform Bacteria	1.00	UJ	cfu/100mL	0.00	cfu/100mL	5.00	%						
HW06	Ethane	820.00		ug/L										
HW06	Ethene	1.10	U	ug/L										
HW06	Methane	23,000.00		ug/L	28,000.00	ug/L								
HW06	2-Butoxyethanol	10.00	U	ug/L										
HW06	2-Methoxyethanol	5.00	U	ug/L	78.00	ug/L								
HW06	2-Methoxyethanol	10.00	UJ	ug/L	78.00	ug/L								
HW06	Diethylene Glycol	50.00	U	ug/L	8,000.00	ug/L								
HW06	Diethylene glycol	10,000.00	U	ug/L	8,000.00	ug/L								
HW06	Ethanol, 2-ethoxy-	10,000.00	U	ug/L										
HW06	Ethanol, 2-methoxy-	10,000.00	U	ug/L	78.00	ug/L								
HW06	Ethylene glycol	10,000.00	U	ug/L	31.00	mg/L								
HW06	Ethylene glycol	10,000.00	U	ug/L	31.00	mg/L								
HW06	Tetraethylene glycol	25.00	U	ug/L	8,000.00	ug/L								
HW06	Triethylene glycol	10,000.00	U	ug/L	8,000.00	ug/L								
HW06	Triethylene glycol	25.00	U	ug/L	8,000.00	ug/L								
HW06	Bromide	0.50	U	mg/L										
HW06	Chloride	3.42		mg/L					250.00	mg/L			250.00	mg/L
HW06	Fluoride	**0.63**		mg/L	0.62	mg/L	4.00	mg/L	2.00	mg/L	2.00	mg/L		

Sample Number	Analyte	Result	Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	Sulfate	9.24	mg/L					250.00	mg/L			250.00	mg/L
HW06	Mercury	0.20 U	ug/L	4.30	ug/L	2.00	ug/L			2.00	ug/L		
HW06-F	Mercury	0.20 U	ug/L	4.30	ug/L	2.00	ug/L			2.00	ug/L		
HW06	Aluminum	2,020.00	ug/L	16,000.00	ug/L			200.00	ug/L			200.00	ug/L
HW06-F	Aluminum	30.00 U	ug/L	16,000.00	ug/L			200.00	ug/L			200.00	ug/L
HW06	Antimony	2.00 U	ug/L	6.00	ug/L	6.00	ug/L			6.00	ug/L		
HW06-F	Antimony	2.00 U	ug/L	6.00	ug/L	6.00	ug/L			6.00	ug/L		
HW06	Arsenic	**7.60**	ug/L	4.50	ug/L	10.00	ug/L			10.00	ug/L		
HW06-F	Arsenic	**6.30**	ug/L	4.50	ug/L	10.00	ug/L			10.00	ug/L		
HW06	Barium	164.00	ug/L	2,900.00	ug/L	2,000.00	ug/L			2,000.00	ug/L		
HW06-F	Barium	92.40	ug/L	2,900.00	ug/L	2,000.00	ug/L			2,000.00	ug/L		
HW06	Beryllium	1.00 U	ug/L	16.00	ug/L	4.00	ug/L			4.00	ug/L		
HW06-F	Beryllium	1.00 U	ug/L	16.00	ug/L	4.00	ug/L			4.00	ug/L		
HW06	Boron	325.00	ug/L	3,100.00	ug/L								
HW06-F	Boron	321.00	ug/L	3,100.00	ug/L								
HW06	Cadmium	1.00 U	ug/L	6.90	ug/L	5.00	ug/L			5.00	ug/L		
HW06-F	Cadmium	1.00 U	ug/L	6.90	ug/L	5.00	ug/L			5.00	ug/L		
HW06	Calcium	2,570.00	ug/L										
HW06-F	Calcium	2,370.00	ug/L										
HW06	Chromium	**10.80**	ug/L	3.10	ug/L	100.00	ug/L			100.00	ug/L		
HW06-F	Chromium	2.00 U	ug/L	3.10	ug/L	100.00	ug/L			100.00	ug/L		
HW06	Cobalt	1.30	ug/L	4.70	ug/L								
HW06-F	Cobalt	1.00 U	ug/L	4.70	ug/L								
HW06	Copper	7.20	ug/L	620.00	ug/L	1,300.00	ug/L	1,000.00	ug/L	1,000.00	ug/L		
HW06-F	Copper	2.00 U	ug/L	620.00	ug/L	1,300.00	ug/L	1,000.00	ug/L	1,000.00	ug/L		
HW06	Iron	2,970.00	ug/L	11,000.00	ug/L			300.00	ug/L			300.00	ug/L
HW06-F	Iron	100.00 U	ug/L	11,000.00	ug/L			300.00	ug/L			300.00	ug/L
HW06	Lead	1.80	ug/L	15.00	ug/L	15.00	ug/L			5.00	ug/L		
HW06-F	Lead	1.00 U	ug/L	15.00	ug/L	15.00	ug/L			5.00	ug/L		

Sample Number	Analyte	Result	Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	Lithium	**236.00**	ug/L	31.00	ug/L								
HW06-F	Lithium	**228.00**	ug/L	31.00	ug/L								
HW06	Magnesium	799.00	ug/L										
HW06-F	Magnesium	500.00 U	ug/L										
HW06	Manganese	65.30	ug/L	320.00	ug/L			50.00	ug/L			50.00	ug/L
HW06-F	Manganese	8.90	ug/L	320.00	ug/L			50.00	ug/L			50.00	ug/L
HW06	Nickel	6.80	ug/L	300.00	ug/L								
HW06-F	Nickel	1.00 U	ug/L	300.00	ug/L								
HW06	Potassium	2,110.00	ug/L										
HW06-F	Potassium	2,000.00 U	ug/L										
HW06	Selenium	5.00 U	ug/L	78.00	ug/L	50.00	ug/L			50.00	ug/L		
HW06-F	Selenium	5.00 U	ug/L	78.00	ug/L	50.00	ug/L			50.00	ug/L		
HW06	Silver	1.00 U	ug/L	71.00	ug/L			100.00	ug/L			100.00	ug/L
HW06-F	Silver	1.00 U	ug/L	71.00	ug/L			100.00	ug/L			100.00	ug/L
HW06	Sodium	**83,700.00**	ug/L	20,000.00	ug/L								
HW06-F	Sodium	**83,300.00**	ug/L	20,000.00	ug/L								
HW06	Strontium	229.00	ug/L	9,300.00	ug/L								
HW06-F	Strontium	212.00	ug/L	9,300.00	ug/L								
HW06	Thallium	1.00 U	ug/L	0.16	ug/L	2.00	ug/L			2.00	ug/L		
HW06-F	Thallium	1.00 U	ug/L	0.16	ug/L	2.00	ug/L			2.00	ug/L		
HW06	Tin	200.00 U	ug/L	9,300.00	ug/L								
HW06-F	Tin	200.00 U	ug/L	9,300.00	ug/L								
HW06	Titanium	200.00 U	ug/L										
HW06-F	Titanium	200.00 U	ug/L										
HW06	Uranium	2.10	ug/L	47.00	ug/L	30.00	ug/L						
HW06-F	Uranium	1.90	ug/L	47.00	ug/L	30.00	ug/L						
HW06	Vanadium	5.00 U	ug/L	78.00	ug/L								
HW06-F	Vanadium	5.00 U	ug/L	78.00	ug/L								
HW06	Zinc	33.70	ug/L	4,700.00	ug/L			5,000.00	ug/L			5,000.00	ug/L

Sample Number	Analyte	Result		Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06-F	Zinc	15.50		ug/L	4,700.00	ug/L			5,000.00	ug/L			5,000.00	ug/L
HW06	Oil and Grease	5.80	U	mg/L										
HW06	Total Dissolved Solids	112.00	J	mg/L					500.00	mg/L			500.00	mg/L
HW06	Total Suspended Solids	44.00		mg/L										
HW06	1-Methylnaphthalene	5.00	U	ug/L	97.00	ug/ L								
HW06	Acenaphthene	5.00	U	ug/L	400.00	ug/L								
HW06	Acenaphthylene	5.00	U	ug/L										
HW06	Acetophenone	5.00	U	ug/L	1,500.00	ug/L								
HW06	Anthracene	5.00	U	ug/L	1,300.00	ug/L								
HW06	Atrazine	5.00	U	ug/L	26.00	ug/L	3.00	ug/L			3.00	ug/L		
HW06	Benzo(a)anthracene	5.00	U	ug/L	2.90	ug/L								
HW06	Benzo(a)pyrene	5.00	U	ug/L	0.29	ug/L	0.20	ug/L			0.20	ug/L		
HW06	Biphenyl	5.00	U	ug/L										
HW06	Bromophenyl-4 Phenyl Ether	5.00	U	ug/L										
HW06	Butylbenzyl phthalate	0.09	J	ug/L	1,400.00	ug/L								
HW06	Caprolactam	0.19	J	ug/L	7,700.00	ug/L								
HW06	Carbazole	5.00	U	ug/L										
HW06	Chlorobenzenamine-4	5.00	U	ug/L	3.20	ug/L								
HW06	Chloronaphthalene-2	5.00	U	ug/L	550.00	ug/L								
HW06	Chlorophenol-2	5.00	U	ug/L	71.00	ug/L								
HW06	Chlorophenyl-4 phenyl ether	5.00	U	ug/L										
HW06	Chrysene	5.00	U	ug/L	290.00	ug/L								
HW06	Cresol, parachloro meta-	5.00	U	ug/L										
HW06	Cresol-4,6-dinitro-ortho	10.00	U	ug/L										
HW06	Cresol-o	5.00	U	ug/L	720.00	ug/L								
HW06	Cresol-p	5.00	U	ug/L	72.00	ug/L								
HW06	Dibenz(a,h)anthracene	5.00	U	ug/L	0.29	ug/L								
HW06	Dibenzofuran	5.00	U	ug/L										
HW06	Dichlorobenzidine-3,3'	5.00	U	ug/L	11.00	ug/L								

Sample Number	Analyte	Result	Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	Dichlorophenol-2,4	5.00 U	ug/L	35.00	ug/L								
HW06	Dimethylphenol, 2,4-	5.00 U	ug/L	270.00	ug/L								
HW06	Dinitrophenol-2,4	5.00 U	ug/L	30.00	ug/L								
HW06	Dinitrotoluene-2,4	5.00 U	ug/L										
HW06	Dinitrotoluene-2,6	5.00 U	ug/L										
HW06	Ether, bis(2-chloroethyl)	5.00 U	ug/L	1.20	ug/L								
HW06	Ether-bis(2-chloroisopropyl)	5.00 U	ug/L										
HW06	Fluoranthene	0.03 J	ug/L	630.00	ug/L								
HW06	Fluoranthene benzo(k)	5.00 U	ug/L	29.00	ug/L								
HW06	Fluoranthene-benzo(b)	5.00 U	ug/L	5.60	ug/L								
HW06	Fluorene	0.01 J	ug/L	220.00	ug/L								
HW06	Hexachlorobenzene	5.00 U	ug/L	4.20	ug/L	1.00	ug/L			1.00	ug/L		
HW06	Hexachlorobutadiene	0.50 U	ug/L	26.00	ug/L								
HW06	Hexachlorobutadiene	5.00 U	ug/L	26.00	ug/L								
HW06	Hexachlorocyclopentadiene	5.00 U	ug/L	22.00	ug/L	50.00	ug/L			50.00	ug/L		
HW06	Hexachloroethane	5.00 U	ug/L	5.10	ug/L								
HW06	Isophorone	5.00 U	ug/L	6,700.00	ug/L								
HW06	Methane, bis(2-chloroethoxy)	5.00 U	ug/L	47.00	ug/L								
HW06	Methylnaphthalene-2	5.00 U	ug/L	27.00	ug/L								
HW06	Naphthalene	0.50 U	ug/L	14.00	ug/L								
HW06	Naphthalene	5.00 U	ug/L	14.00	ug/L								
HW06	Nitroaniline, ortho	5.00 U	ug/L	150.00	ug/L								
HW06	Nitroaniline-3	5.00 U	ug/L										
HW06	Nitrobenzenamine-4	5.00 U	ug/L	61.00	ug/L								
HW06	Nitrobenzene	5.00 U	ug/L	12.00	ug/L								
HW06	Nitrophenol-2	5.00 U	ug/L										
HW06	Nitrophenol-4	10.00 U	ug/L										
HW06	Nitrosodimethylamine-n	5.00 U	ug/L	0.04	ug/L								
HW06	Nitrosodiphenylamine-n	5.00 U	ug/L	1,000.00	ug/L								

Sample Number	Analyte	Result		Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	Pentachlorophenol	5.00	U	ug/L	17.00	ug/L	1.00	ug/L			1.00	ug/L		
HW06	Perylene-benzo(ghi)	5.00	U	ug/L										
HW06	Phenanthrene	5.00	U	ug/L										
HW06	Phenol	5.00	U	ug/L	4,500.00	ug/L								
HW06	Phthalate, bis(2-ethylhexyl) (DEHP)	5.00	U	ug/L	7.10	ug/L	6.00	ug/L			6.00	ug/L		
HW06	Phthalate, Dimethyl	5.00	U	ug/L	1,400.00	ug/L								
HW06	Phthalate, di-n-butyl-	5.00	U	ug/L	670.00	ug/L								
HW06	Phthalate, di-n-octyl	5.00	U	ug/L										
HW06	Phthalate-diethyl	5.00	U	ug/L	11,000.00	ug/L								
HW06	Propylamine,n-nitroso di-n-	5.00	U	ug/L	0.93	ug/L								
HW06	Pyrene	0.04	J	ug/L	87.00	ug/L								
HW06	Pyrene-indeno(1,2,3-cd)	5.00	U	ug/L	3.00	ug/L								
HW06	Tetrachlorobenzene, 1,2,4,5-	5.00	U	ug/L	1.20	ug/L								
HW06	Tetrachlorophenol, 2,3,4,6-	5.00	U	ug/L	170.00	ug/L								
HW06	Trichlorophenol-2,4,5	5.00	U	ug/L	890.00	ug/L								
HW06	Trichlorophenol-2,4,6	5.00	U	ug/L	9.04	ug/L								
HW06	TPH - Diesel Range Organics	250.00	U	ug/L										
HW06	TPH - Oil Range Organics	1,000.00	U	ug/L										
HW06	TPH as Gasoline	50.00	U	ug/L										
HW06	4-Methyl-2-pentanone	2.00	U	ug/L	1,000.00	ug/L								
HW06	Acetone	2.00	U	ug/L										
HW06	Benzene	0.50	U	ug/L			5.00	ug/L			5.00	ug/L		
HW06	Bromobenzene	0.50	U	ug/L										
HW06	Bromoform	0.50	U	ug/L			80.00	ug/L			80.00	ug/L		
HW06	Butylbenzene	0.50	U	ug/L										
HW06	Butylbenzene, sec-	0.50	U	ug/L										
HW06	Butylbenzene, tert-	0.50	U	ug/L										
HW06	Carbon disulfide	0.50	U	ug/L										
HW06	Carbon Tetrachloride	0.50	U	ug/L			5.00	ug/L			5.00	ug/L		

Sample Number	Analyte	Result	Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	Chlorobenzene	0.50 U	ug/L			100.00	ug/L						
HW06	Chlorobromomethane	0.50 U	ug/L										
HW06	Chloroethane	0.50 U	ug/L										
HW06	Chloroform	0.50 U	ug/L			80.00	ug/L			80.00	ug/L		
HW06	Chlorotoluene	0.50 U	ug/L	180.00	ug/L								
HW06	Chlorotoluene-p	0.50 U	ug/L	190.00	ug/L								
HW06	Cyclohexane	0.50 U	ug/L										
HW06	DBCP	0.50 U	ug/L	0.03	ug/L	0.20	ug/L			0.20	ug/L		
HW06	Dibromochloromethane	0.50 U	ug/L			80.00	ug/L			80.00	ug/L		
HW06	Dibromoethane-1,2	0.50 U	ug/L	0.65	ug/L	0.05	ug/L			0.05	ug/L		
HW06	Dibromomethane	0.50 U	ug/L										
HW06	Dichlorobenzene-1,2	0.50 U	ug/L	280.00	ug/L	600.00	ug/L			600.00	ug/L		
HW06	Dichlorobenzene-1,3	0.50 U	ug/L										
HW06	Dichlorobenzene-1,4	0.50 U	ug/L	42.00	ug/L	75.00	ug/L			75.00	ug/L		
HW06	Dichlorobromomethane	0.50 U	ug/L			80.00	ug/L			80.00	ug/L		
HW06	Dichlorodifluoromethane	0.50 U	ug/L										
HW06	Dichloroethane-1,1	0.50 U	ug/L	240.00	ug/L								
HW06	Dichloroethane-1,2	0.50 U	ug/L	15.00	ugL	5.00	ug/L			5.00	ug/L		
HW06	Dichloroethene-1,2 trans	0.50 U	ug/L										
HW06	Dichloroethylene-1,1	0.50 U	ug/L			7.00	ug/L			7.00	ug/L		
HW06	Dichloroethylene-1,2 cis	0.50 U	ug/L			70.00	ug/L			70.00	ug/L		
HW06	Dichloropropane, 1,2-	0.50 U	ug/L	38.00	ug/L	5.00	ug/L			5.00	ug/L		
HW06	Dichloropropane, 1,3-	0.50 U	ug/L	290.00	ug/L								
HW06	Dichloropropane, 2,2-	0.50 U	ug/L										
HW06	Dichloropropene, 1,1-	0.50 U	ug/L										
HW06	Dichloropropene, 1,3 cis-	0.50 U	ug/L										
HW06	Dichloropropene, 1,3 trans-	0.50 U	ug/L										
HW06	Ethylbenzene	0.50 U	ug/L			700.00	ug/L			700.00	ug/L		
HW06	Freon 113	0.50 U	ug/L										

Sample Number	Analyte	Result		Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	Hexanone, 2-	2.00	U	ug/L	34.00	ug/L								
HW06	Isopropylbenzene	0.50	U	ug/L										
HW06	Isopropylbenzene-4,methyl-1	0.50	U	ug/L										
HW06	m,p-Xylene	1.00	U	ug/L			10,000.00	ug/L			10,000.00	ug/L		
HW06	Methyl acetate	0.50	U	ug/L										
HW06	Methyl bromide	0.50	U	ug/L										
HW06	Methyl chloride	0.50	U	ug/L										
HW06	Methyl cyclohexane	0.50	U	ug/L										
HW06	Methyl ethyl ketone	2.00	U	ug/L	4,900.00	ug/L								
HW06	Methyl tertiary butyl ether (MTBE)	0.50	U	ug/L										
HW06	Methylene chloride	0.50	U	ug/L			5.00	ug/L			5.00	ug/L		
HW06	Propylbenzene-n	0.50	U	ug/L										
HW06	Styrene	1.00	U	ug/L			100.00	ug/L			100.00	ug/L		
HW06	Tetrachloroethane, 1,1,1,2-	0.50	U	ug/L	50.00	ug/L								
HW06	Tetrachloroethane, 1,1,2,2-	0.50	U	ug/L	6.60	ug/L								
HW06	Tetrachloroethylene	0.50	U	ug/L			5.00	ug/L			5.00	ug/L		
HW06	Toluene	0.50	U	ug/L			1,000.00	ug/L			1,000.00	ug/L		
HW06	Trichlorobenzene-1,2,3	0.50	U	ug/L	5.20	ug/L								
HW06	Trichlorobenzene-1,2,4	0.50	U	ug/L	5.20	ug/L	70.00	ug/L			70.00	ug/L		
HW06	Trichloroethane-1,1,1	0.50	U	ug/L	7,500.00	ug/L	200.00	ug/L			200.00	ug/L		
HW06	Trichloroethane-1,1,2	0.50	U	ug/L	0.41	ug/L	5.00	ug/L			5.00	ug/L		
HW06	Trichloroethylene	0.50	U	ug/L			5.00	ug/L			5.00	ug/L		
HW06	Trichlorofluoromethane	0.50	U	ug/L										
HW06	Trichloropropane-1,2,3	0.50	U	ug/L	0.07	ug/L								
HW06	Trimethylbenzene-1,2,4	0.50	U	ug/L	15.00	ug/L								
HW06	Trimethylbenzene-1,3,5	0.50	U	ug/L	87.00	ug/L								
HW06	Vinyl acetate	0.50	U	ug/L										
HW06	Vinyl chloride	0.50	U	ug/L			2.00	ug/L			2.00	ug/L		
HW06	Xylene-o	1.00	U	ug/L			10,000.00	ug/L			10,000.00	ug/L		

Sample Number	Analyte	Result		Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
HW06	Nitrogen, Nitrite + Nitrate	0.05	U	mg/L			10.00	mg/L			10.00	mg/L		
HW06	Total Nitrogen	1.00	U	mg/L										
HW06	Total Phosphorus as P	0.10		mg/L										