

HW-05

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
HW05	2-Butanol	10.00	U ug/mL										
HW05	Ethanol	10.00	U ug/mL										
HW05	Methanol	10.00	U ug/mL	7.80	ug/mL								
HW05	Anionic Surfactants	0.01	U mg/L										
HW05	Heterotrophic Plate Count		R cfu/1mL										
HW05	Total Coliform Bacteria	1.00	UJ cfu/100mL	0.00	cfu/100mL	5.00	%						
HW05	Ethane	11.00	ug/L										
HW05	Ethene	1.10	U ug/L										
HW05	Methane	2,000.00	ug/L	28,000.00	ug/L								
HW05	2-Butoxyethanol	10.00	U ug/L										
HW05	2-Methoxyethanol	5.00	U ug/L	78.00	ug/L								
HW05	2-Methoxyethanol	10.00	UJ ug/L	78.00	ug/L								
HW05	Diethylene glycol		R ug/L	8,000.00	ug/L								
HW05	Diethylene Glycol	50.00	U ug/L	8,000.00	ug/L								
HW05	Ethanol, 2-ethoxy-	10,000.00	U ug/L										
HW05	Ethanol, 2-methoxy-	10,000.00	UJ ug/L	78.00	ug/L								
HW05	Ethylene glycol	10,000.00	U ug/L	31.00	mg/L								
HW05	Ethylene glycol	10,000.00	U ug/L	31.00	mg/L								
HW05	Tetraethylene glycol	25.00	U ug/L	8,000.00	ug/L								
HW05	Triethylene glycol	25.00	U ug/L	8,000.00	ug/L								
HW05	Triethylene glycol		R ug/L	8,000.00	ug/L								
HW05	Bromide	0.50	U mg/L										
HW05	Chloride	7.47	mg/L					250.00	mg/L			250.00	mg/L
HW05	Fluoride	0.10	U 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
HW05	Sulfate	10.20	mg/L					250.00	mg/L			250.00	mg/L
HW05	Mercury	0.20 U	ug/L	4.30	ug/L	2.00	ug/L			2.00	ug/L		
HW05-F	Mercury	0.20 U	ug/L	4.30	ug/L	2.00	ug/L			2.00	ug/L		
HW05	Aluminum	30.00 U	ug/L	16,000.00	ug/L			200.00	ug/L			200.00	ug/L
HW05-F	Aluminum	30.00 U	ug/L	16,000.00	ug/L			200.00	ug/L			200.00	ug/L
HW05	Antimony	2.00 U	ug/L	6.00	ug/L	6.00	ug/L			6.00	ug/L		
HW05-F	Antimony	2.00 U	ug/L	6.00	ug/L	6.00	ug/L			6.00	ug/L		
HW05	Arsenic	2.00 U	ug/L	4.50	ug/L	10.00	ug/L			10.00	ug/L		
HW05-F	Arsenic	2.00 U	ug/L	4.50	ug/L	10.00	ug/L			10.00	ug/L		
HW05	Barium	254.00	ug/L	2,900.00	ug/L	2,000.00	ug/L			2,000.00	ug/L		
HW05-F	Barium	244.00	ug/L	2,900.00	ug/L	2,000.00	ug/L			2,000.00	ug/L		
HW05	Beryllium	1.00 U	ug/L	16.00	ug/L	4.00	ug/L			4.00	ug/L		
HW05-F	Beryllium	1.00 U	ug/L	16.00	ug/L	4.00	ug/L			4.00	ug/L		
HW05	Boron	50.00 U	ug/L	3,100.00	ug/L								
HW05-F	Boron	50.00 U	ug/L	3,100.00	ug/L								
HW05	Cadmium	1.00 U	ug/L	6.90	ug/L	5.00	ug/L			5.00	ug/L		
HW05-F	Cadmium	1.00 U	ug/L	6.90	ug/L	5.00	ug/L			5.00	ug/L		
HW05	Calcium	35,300.00	ug/L										
HW05-F	Calcium	34,400.00	ug/L										
HW05	Chromium	2.00 U	ug/L	3.10	ug/L	100.00	ug/L			100.00	ug/L		
HW05-F	Chromium	2.00 U	ug/L	3.10	ug/L	100.00	ug/L			100.00	ug/L		
HW05	Cobalt	1.00 U	ug/L	4.70	ug/L								
HW05-F	Cobalt	1.00 U	ug/L	4.70	ug/L								
HW05	Copper	2.50	ug/L	620.00	ug/L	1,300.00	ug/L	1,000.00	ug/L	1,000.00	ug/L		
HW05-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		
HW05	Iron	620.00	ug/L	11,000.00	ug/L			300.00	ug/L			300.00	ug/L
HW05-F	Iron	100.00 U	ug/L	11,000.00	ug/L			300.00	ug/L			300.00	ug/L
HW05	Lead	1.00 U	ug/L	15.00	ug/L	15.00	ug/L			5.00	ug/L		
HW05-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
HW05	Lithium	200.00	U ug/L	31.00	ug/L								
HW05-F	Lithium	200.00	U ug/L	31.00	ug/L								
HW05	Magnesium	6,820.00	ug/L										
HW05-F	Magnesium	6,590.00	ug/L										
HW05	Manganese	31.60	ug/L	320.00	ug/L			50.00	ug/L			50.00	ug/L
HW05-F	Manganese	24.10	ug/L	320.00	ug/L			50.00	ug/L			50.00	ug/L
HW05	Nickel	1.20	ug/L	300.00	ug/L								
HW05-F	Nickel	1.20	ug/L	300.00	ug/L								
HW05	Potassium	2,000.00	U ug/L										
HW05-F	Potassium	2,000.00	U ug/L										
HW05	Selenium	5.00	U ug/L	78.00	ug/L	50.00	ug/L			50.00	ug/L		
HW05-F	Selenium	5.00	U ug/L	78.00	ug/L	50.00	ug/L			50.00	ug/L		
HW05	Silver	1.00	U ug/L	71.00	ug/L			100.00	ug/L			100.00	ug/L
HW05-F	Silver	1.00	U ug/L	71.00	ug/L			100.00	ug/L			100.00	ug/L
HW05	Sodium	13,200.00	ug/L	20,000.00	ug/L								
HW05-F	Sodium	13,000.00	ug/L	20,000.00	ug/L								
HW05	Strontium	720.00	ug/L	9,300.00	ug/L								
HW05-F	Strontium	711.00	ug/L	9,300.00	ug/L								
HW05	Thallium	1.00	U ug/L	0.16	ug/L	2.00	ug/L			2.00	ug/L		
HW05-F	Thallium	1.00	U ug/L	0.16	ug/L	2.00	ug/L			2.00	ug/L		
HW05	Tin	200.00	U ug/L	9,300.00	ug/L								
HW05-F	Tin	200.00	U ug/L	9,300.00	ug/L								
HW05	Titanium	200.00	U ug/L										
HW05-F	Titanium	200.00	U ug/L										
HW05	Uranium	4.50	ug/L	47.00	ug/L	30.00	ug/L						
HW05-F	Uranium	4.50	ug/L	47.00	ug/L	30.00	ug/L						
HW05	Vanadium	5.00	U ug/L	78.00	ug/L								
HW05-F	Vanadium	5.00	U ug/L	78.00	ug/L								
HW05	Zinc	5.50	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
HW05-F	Zinc	3.40	ug/L	4,700.00	ug/L			5,000.00	ug/L			5,000.00	ug/L
HW05	Oil and Grease	5.70	UJ mg/L										
HW05	Total Dissolved Solids	25.00	J mg/L					500.00	mg/L			500.00	mg/L
HW05	Total Suspended Solids	10.00	U mg/L										
HW05	1-Methylnaphthalene	5.00	U ug/L	97.00	ug/ L								
HW05	Acenaphthene	5.00	U ug/L	400.00	ug/L								
HW05	Acenaphthylene	5.00	U ug/L										
HW05	Acetophenone	5.00	U ug/L	1,500.00	ug/L								
HW05	Anthracene	5.00	U ug/L	1,300.00	ug/L								
HW05	Atrazine	5.00	U ug/L	26.00	ug/L	3.00	ug/L			3.00	ug/L		
HW05	Benzo(a)anthracene	5.00	U ug/L	2.90	ug/L								
HW05	Benzo(a)pyrene	5.00	U ug/L	0.29	ug/L	0.20	ug/L			0.20	ug/L		
HW05	Biphenyl	5.00	U ug/L										
HW05	Bromophenyl-4 Phenyl Ether	5.00	U ug/L										
HW05	Butylbenzyl phthalate	5.00	U ug/L	1,400.00	ug/L								
HW05	Caprolactam	5.00	U ug/L	7,700.00	ug/L								
HW05	Carbazole	5.00	U ug/L										
HW05	Chlorobenzenamine-4	5.00	U ug/L	3.20	ug/L								
HW05	Chloronaphthalene-2	5.00	U ug/L	550.00	ug/L								
HW05	Chlorophenol-2	5.00	U ug/L	71.00	ug/L								
HW05	Chlorophenyl-4 phenyl ether	5.00	U ug/L										
HW05	Chrysene	5.00	U ug/L	290.00	ug/L								
HW05	Cresol, parachloro meta-	5.00	U ug/L										
HW05	Cresol-4,6-dinitro-ortho	10.00	U ug/L										
HW05	Cresol-o	5.00	U ug/L	720.00	ug/L								
HW05	Cresol-p	5.00	U ug/L	72.00	ug/L								
HW05	Dibenz(a,h)anthracene	5.00	U ug/L	0.29	ug/L								
HW05	Dibenzofuran	5.00	U ug/L										
HW05	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
HW05	Dichlorophenol-2,4	5.00	U ug/L	35.00	ug/L								
HW05	Dimethylphenol, 2,4-	5.00	U ug/L	270.00	ug/L								
HW05	Dinitrophenol-2,4	5.00	U ug/L	30.00	ug/L								
HW05	Dinitrotoluene-2,4	5.00	U ug/L										
HW05	Dinitrotoluene-2,6	5.00	U ug/L										
HW05	Ether, bis(2-chloroethyl)	5.00	U ug/L	1.20	ug/L								
HW05	Ether-bis(2-chloroisopropyl)	5.00	U ug/L										
HW05	Fluoranthene	5.00	U ug/L	630.00	ug/L								
HW05	Fluoranthene benzo(k)	5.00	U ug/L	29.00	ug/L								
HW05	Fluoranthene-benzo(b)	5.00	U ug/L	5.60	ug/L								
HW05	Fluorene	5.00	U ug/L	220.00	ug/L								
HW05	Hexachlorobenzene	5.00	U ug/L	4.20	ug/L	1.00	ug/L			1.00	ug/L		
HW05	Hexachlorobutadiene	5.00	U ug/L	26.00	ug/L								
HW05	Hexachlorobutadiene	0.50	U ug/L	26.00	ug/L								
HW05	Hexachlorocyclopentadiene	5.00	U ug/L	22.00	ug/L	50.00	ug/L			50.00	ug/L		
HW05	Hexachloroethane	5.00	U ug/L	5.10	ug/L								
HW05	Isophorone	5.00	U ug/L	6,700.00	ug/L								
HW05	Methane, bis(2-chloroethoxy)	5.00	U ug/L	47.00	ug/L								
HW05	Methylnaphthalene-2	5.00	U ug/L	27.00	ug/L								
HW05	Naphthalene	0.50	U ug/L	14.00	ug/L								
HW05	Naphthalene	5.00	U ug/L	14.00	ug/L								
HW05	Nitroaniline, ortho	5.00	U ug/L	150.00	ug/L								
HW05	Nitroaniline-3	5.00	U ug/L										
HW05	Nitrobenzenamine-4	5.00	U ug/L	61.00	ug/L								
HW05	Nitrobenzene	5.00	U ug/L	12.00	ug/L								
HW05	Nitrophenol-2	5.00	U ug/L										
HW05	Nitrophenol-4	10.00	U ug/L										
HW05	Nitrosodimethylamine-n	5.00	U ug/L	0.04	ug/L								
HW05	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
HW05	Pentachlorophenol	5.00	U ug/L	17.00	ug/L	1.00	ug/L			1.00	ug/L		
HW05	Perylene-benzo(ghi)	5.00	U ug/L										
HW05	Phenanthrene	5.00	U ug/L										
HW05	Phenol	5.00	U ug/L	4,500.00	ug/L								
HW05	Phthalate, bis(2-ethylhexyl) (DEHP)	5.00	U ug/L	7.10	ug/L	6.00	ug/L			6.00	ug/L		
HW05	Phthalate, Dimethyl	5.00	U ug/L	1,400.00	ug/L								
HW05	Phthalate, di-n-butyl-	5.00	U ug/L	670.00	ug/L								
HW05	Phthalate, di-n-octyl	5.00	U ug/L										
HW05	Phthalate-diethyl	5.00	U ug/L	11,000.00	ug/L								
HW05	Propylamine,n-nitroso di-n-	5.00	U ug/L	0.93	ug/L								
HW05	Pyrene	5.00	U ug/L	87.00	ug/L								
HW05	Pyrene-indeno(1,2,3-cd)	5.00	U ug/L	3.00	ug/L								
HW05	Tetrachlorobenzene, 1,2,4,5-	5.00	U ug/L	1.20	ug/L								
HW05	Tetrachlorophenol, 2,3,4,6-	5.00	U ug/L	170.00	ug/L								
HW05	Trichlorophenol-2,4,5	5.00	U ug/L	890.00	ug/L								
HW05	Trichlorophenol-2,4,6	5.00	U ug/L	9.04	ug/L								
HW05	TPH - Diesel Range Organics	250.00	U ug/L										
HW05	TPH - Oil Range Organics	1,000.00	U ug/L										
HW05	TPH as Gasoline	50.00	U ug/L										
HW05	4-Methyl-2-pentanone	2.00	U ug/L	1,000.00	ug/L								
HW05	Acetone	2.00	U ug/L										
HW05	Benzene	0.50	U ug/L			5.00	ug/L			5.00	ug/L		
HW05	Bromobenzene	0.50	U ug/L										
HW05	Bromoform	0.50	U ug/L			80.00	ug/L			80.00	ug/L		
HW05	Butylbenzene	0.50	U ug/L										
HW05	Butylbenzene, sec-	0.50	U ug/L										
HW05	Butylbenzene, tert-	0.50	U ug/L										
HW05	Carbon disulfide	0.50	U ug/L										
HW05	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
HW05	Chlorobenzene	0.50	U ug/L			100.00	ug/L						
HW05	Chlorobromomethane	0.50	U ug/L										
HW05	Chloroethane	0.50	U ug/L										
HW05	Chloroform	0.50	U ug/L			80.00	ug/L			80.00	ug/L		
HW05	Chlorotoluene	0.50	U ug/L	180.00	ug/L								
HW05	Chlorotoluene-p	0.50	U ug/L	190.00	ug/L								
HW05	Cyclohexane	0.50	U ug/L										
HW05	DBCP	0.50	U ug/L	0.03	ug/L	0.20	ug/L			0.20	ug/L		
HW05	Dibromochloromethane	0.50	U ug/L			80.00	ug/L			80.00	ug/L		
HW05	Dibromoethane-1,2	0.50	U ug/L	0.65	ug/L	0.05	ug/L			0.05	ug/L		
HW05	Dibromomethane	0.50	U ug/L										
HW05	Dichlorobenzene-1,2	0.50	U ug/L	280.00	ug/L	600.00	ug/L			600.00	ug/L		
HW05	Dichlorobenzene-1,3	0.50	U ug/L										
HW05	Dichlorobenzene-1,4	0.50	U ug/L	42.00	ug/L	75.00	ug/L			75.00	ug/L		
HW05	Dichlorobromomethane	0.50	U ug/L			80.00	ug/L			80.00	ug/L		
HW05	Dichlorodifluoromethane	0.50	U ug/L										
HW05	Dichloroethane-1,1	0.50	U ug/L	240.00	ug/L								
HW05	Dichloroethane-1,2	0.50	U ug/L	15.00	ugL	5.00	ug/L			5.00	ug/L		
HW05	Dichloroethene-1,2 trans	0.50	U ug/L										
HW05	Dichloroethylene-1,1	0.50	U ug/L			7.00	ug/L			7.00	ug/L		
HW05	Dichloroethylene-1,2 cis	0.50	U ug/L			70.00	ug/L			70.00	ug/L		
HW05	Dichloropropane, 1,2-	0.50	U ug/L	38.00	ug/L	5.00	ug/L			5.00	ug/L		
HW05	Dichloropropane, 1,3-	0.50	U ug/L	290.00	ug/L								
HW05	Dichloropropane, 2,2-	0.50	U ug/L										
HW05	Dichloropropene, 1,1-	0.50	U ug/L										
HW05	Dichloropropene, 1,3 cis-	0.50	U ug/L										
HW05	Dichloropropene, 1,3 trans-	0.50	U ug/L										
HW05	Ethylbenzene	0.50	U ug/L			700.00	ug/L			700.00	ug/L		
HW05	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
HW05	Hexanone, 2-	2.00 U	ug/L	34.00	ug/L								
HW05	Isopropylbenzene	0.50 U	ug/L										
HW05	Isopropylbenzene-4,methyl-1	0.50 U	ug/L										
HW05	m,p-Xylene	1.00 U	ug/L			10,000.00	ug/L			10,000.00	ug/L		
HW05	Methyl acetate	0.50 U	ug/L										
HW05	Methyl bromide	0.50 U	ug/L										
HW05	Methyl chloride	0.50 U	ug/L										
HW05	Methyl cyclohexane	0.50 U	ug/L										
HW05	Methyl ethyl ketone	2.00 U	ug/L	4,900.00	ug/L								
HW05	Methyl tertiary butyl ether (MTBE)	0.50 U	ug/L										
HW05	Methylene chloride	0.50 U	ug/L			5.00	ug/L			5.00	ug/L		
HW05	Propylbenzene-n	0.50 U	ug/L										
HW05	Styrene	1.00 U	ug/L			100.00	ug/L			100.00	ug/L		
HW05	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00	ug/L								
HW05	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60	ug/L								
HW05	Tetrachloroethylene	0.50 U	ug/L			5.00	ug/L			5.00	ug/L		
HW05	Toluene	0.50 U	ug/L			1,000.00	ug/L			1,000.00	ug/L		
HW05	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20	ug/L								
HW05	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20	ug/L	70.00	ug/L			70.00	ug/L		
HW05	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00	ug/L	200.00	ug/L			200.00	ug/L		
HW05	Trichloroethane-1,1,2	0.50 U	ug/L	0.41	ug/L	5.00	ug/L			5.00	ug/L		
HW05	Trichloroethylene	0.50 U	ug/L			5.00	ug/L			5.00	ug/L		
HW05	Trichlorofluoromethane	0.50 U	ug/L										
HW05	Trichloropropane-1,2,3	0.50 U	ug/L	0.07	ug/L								
HW05	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00	ug/L								
HW05	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00	ug/L								
HW05	Vinyl acetate	0.50 U	ug/L										
HW05	Vinyl chloride	0.50 U	ug/L			2.00	ug/L			2.00	ug/L		
HW05	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
HW05	Nitrogen, Nitrite + Nitrate	0.70	mg/L			10.00	mg/L			10.00	mg/L		
HW05	Total Nitrogen	1.00 U	mg/L										
HW05	Total Phosphorus as P	0.05 U	mg/L										