HW-39
EPA Validated Data Summary Report
Dimock Residential Sampling
Sample Date: 2/3/2012

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	1-Butanol	10,000.00	U	ug/L	1,500.00	ug/L				
HW39-P	1-Butanol	10,000.00	U	ug/L	1,500.00	ug/L				
HW39	1-Propanol	10,000.00	U	ug/L						
HW39-P	1-Propanol	10,000.00	U	ug/L						
HW39	2-Butanol	10,000.00	U	ug/L						
HW39-P	2-Butanol	10,000.00	U	ug/L						
HW39	Ethanol	10,000.00	U	ug/L						
HW39-P	Ethanol	10,000.00	U	ug/L						
HW39	Methanol	10,000.00	U	ug/L	7,800.00	ug/L				
HW39-P	Methanol	10,000.00	U	ug/L	7,800.00	ug/L				
HW39	Anionic Surfactants	0.01	U	mg/L						
HW39-P	Anionic Surfactants	0.01	U	mg/L						
HW39	Heterotrophic Plate Count		R	cfu/1mL						
HW39-P	Heterotrophic Plate Count		R	cfu/1mL						
HW39	Total Coliform Bacteria	1.00	UJ	cfu/100mL	0.00	cfu/100mL	5.00	%*		
HW39-P	Total Coliform Bacteria	1.00	UJ	cfu/100mL	0.00	cfu/100mL	5.00	%*		
HW39	Ethane	5.30		ug/L						
HW39-P	Ethane	1.20	U	ug/L						
HW39	Ethene	1.10	U	ug/L						
HW39-P	Ethene	1.10	U	ug/L						
HW39	Methane	8,100.00		ug/L	28,000.00	ug/L				
HW39-P	Methane	27.00		ug/L	28,000.00	ug/L				
HW39	2-Butoxyethanol	5.00	U	ug/L						
HW39-P	2-Butoxyethanol	5.00	U	ug/L						

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	2-Methoxyethanol	10.00 U	ug/L	78.00 ug/L				
HW39	2-Methoxyethanol	57.10 U	ug/L	78.00 ug/L				
HW39-P	2-Methoxyethanol	60.00 U	ug/L	78.00 ug/L				
HW39-P	2-Methoxyethanol	10.00 U	ug/L	78.00 ug/L				
HW39	Diethylene glycol	10,000.00 U	ug/L	8,000.00 ug/L				
HW39	Diethylene Glycol	50.00 U	ug/L	8,000.00 ug/L				
HW39-P	Diethylene Glycol	50.00 U	ug/L	8,000.00 ug/L				
HW39-P	Diethylene glycol	10,000.00 U	ug/L	8,000.00 ug/L				
HW39	Ethanol, 2-ethoxy-	10,000.00 U	ug/L					
HW39-P	Ethanol, 2-ethoxy-	10,000.00 U	ug/L					
HW39	Ethanol, 2-methoxy-	10,000.00 U	ug/L	78.00 ug/L				
HW39-P	Ethanol, 2-methoxy-	10,000.00 U	ug/L	78.00 ug/L				
HW39	Ethylene glycol	10,000.00 U	ug/L	31,000.00 ug/L				
HW39	Ethylene glycol	10,000.00 U	ug/L	31,000.00 ug/L				
HW39-P	Ethylene glycol	10,000.00 U	ug/L	31,000.00 ug/L				
HW39-P	Ethylene glycol	10,000.00 U	ug/L	31,000.00 ug/L				
HW39	Tetraethylene glycol	25.00 U	ug/L	8,000.00 ug/L				
HW39-P	Tetraethylene glycol	25.00 U	ug/L	8,000.00 ug/L				
HW39	Triethylene glycol	25.00 U	ug/L	8,000.00 ug/L				
HW39	Triethylene glycol	10,000.00 U	ug/L	8,000.00 ug/L				
HW39-P	Triethylene glycol	25.00 U	ug/L	8,000.00 ug/L				
HW39-P	Triethylene glycol	10,000.00 U	ug/L	8,000.00 ug/L				
HW39	Bromide	0.96	mg/L					
HW39-P	Bromide	0.99	mg/L					
HW39	Chloride	107.00	mg/L			250.00 mg/L		250.00 mg/L
HW39-P	Chloride	112.00	mg/L			250.00 mg/L		250.00 mg/L
HW39	Fluoride	0.10 U	mg/L	0.62 mg/L	4.00 mg/L	2.00 mg/L	2.00 mg/L	
HW39-P	Fluoride	0.10 U	mg/L	0.62 mg/L	4.00 mg/L	2.00 mg/L	2.00 mg/L	
HW39	Sulfate	0.93	mg/L			250.00 mg/L		250.00 mg/L

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-P	Sulfate	0.82	mg/L			250.00 mg/L		250.00 mg/L
HW39	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW39-F	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW39-P	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW39-PF	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW39-RO	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW39	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW39-F	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW39-P	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW39-PF	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW39-RO	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW39	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW39-F	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW39-P	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW39-PF	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW39-RO	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW39	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW39-F	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW39-P	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW39-PF	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW39-RO	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW39	Barium	**3,530.00**	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW39-F	Barium	**3,630.00**	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW39-P	Barium	**3,810.00**	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW39-PF	Barium	**3,750.00**	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW39-RO	Barium	286.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW39	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW39-F	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW39-P	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-PF	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW39-RO	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW39	Boron	58.80	ug/L	3,100.00 ug/L				
HW39-F	Boron	55.80	ug/L	3,100.00 ug/L				
HW39-P	Boron	53.90	ug/L	3,100.00 ug/L				
HW39-PF	Boron	69.20	ug/L	3,100.00 ug/L				
HW39-RO	Boron	50.00 U	ug/L	3,100.00 ug/L				
HW39	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW39-F	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW39-P	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW39-PF	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW39-RO	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW39	Calcium	36,100.00	ug/L					
HW39-F	Calcium	37,100.00	ug/L					
HW39-P	Calcium	38,800.00	ug/L					
HW39-PF	Calcium	38,400.00	ug/L					
HW39-RO	Calcium	2,970.00	ug/L					
HW39	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW39-F	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW39-P	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW39-PF	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW39-RO	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW39	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW39-F	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW39-P	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW39-PF	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW39-RO	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW39	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***	
HW39-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***	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-P	Copper	6.80	ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW39-PF	Copper	5.00	ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW39-RO	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***	
HW39	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW39-F	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW39-P	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW39-PF	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW39-RO	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW39	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW39-F	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW39-P	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW39-PF	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW39-RO	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW39	Lithium	200.00 U	ug/L	31.00 ug/L				
HW39-F	Lithium	200.00 U	ug/L	31.00 ug/L				
HW39-P	Lithium	200.00 U	ug/L	31.00 ug/L				
HW39-PF	Lithium	200.00 U	ug/L	31.00 ug/L				
HW39-RO	Lithium	200.00 U	ug/L	31.00 ug/L				
HW39	Magnesium	7,530.00	ug/L					
HW39-F	Magnesium	7,770.00	ug/L					
HW39-P	Magnesium	8,130.00	ug/L					
HW39-PF	Magnesium	8,040.00	ug/L					
HW39-RO	Magnesium	634.00	ug/L					
HW39	Manganese	42.60	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW39-F	Manganese	40.90	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW39-P	Manganese	1.80	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW39-PF	Manganese	1.90	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW39-RO	Manganese	1.20	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW39	Nickel	1.60	ug/L	300.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-F	Nickel	1.40	ug/L	300.00 ug/L				
HW39-P	Nickel	1.50	ug/L	300.00 ug/L				
HW39-PF	Nickel	1.40	ug/L	300.00 ug/L				
HW39-RO	Nickel	1.00 U	ug/L	300.00 ug/L				
HW39	Potassium	2,550.00	ug/L					
HW39-F	Potassium	2,600.00	ug/L					
HW39-P	Potassium	2,670.00	ug/L					
HW39-PF	Potassium	2,680.00	ug/L					
HW39-RO	Potassium	2,000.00 U	ug/L					
HW39	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW39-F	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW39-P	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW39-PF	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW39-RO	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW39	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW39-F	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW39-P	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW39-PF	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW39-RO	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW39	Sodium	**47,400.00**	ug/L	20,000.00 ug/L				
HW39-F	Sodium	**47,900.00**	ug/L	20,000.00 ug/L				
HW39-P	Sodium	**49,300.00**	ug/L	20,000.00 ug/L				
HW39-PF	Sodium	**48,700.00**	ug/L	20,000.00 ug/L				
HW39-RO	Sodium	7,900.00	ug/L	20,000.00 ug/L				
HW39	Strontium	2,750.00	ug/L	9,300.00 ug/L				
HW39-F	Strontium	2,840.00	ug/L	9,300.00 ug/L				
HW39-P	Strontium	2,980.00	ug/L	9,300.00 ug/L				
HW39-PF	Strontium	2,940.00	ug/L	9,300.00 ug/L				
HW39-RO	Strontium	228.00	ug/L	9,300.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW39-F	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW39-P	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW39-PF	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW39-RO	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW39	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW39-F	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW39-P	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW39-PF	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW39-RO	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW39	Titanium	200.00 U	ug/L					
HW39-F	Titanium	200.00 U	ug/L					
HW39-P	Titanium	200.00 U	ug/L					
HW39-PF	Titanium	200.00 U	ug/L					
HW39-RO	Titanium	200.00 U	ug/L					
HW39	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW39-F	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW39-P	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW39-PF	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW39-RO	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW39	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW39-F	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW39-P	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW39-PF	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW39-RO	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW39	Zinc	2.10	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW39-F	Zinc	2.00 U	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW39-P	Zinc	19.10	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW39-PF	Zinc	16.80	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-RO	Zinc	14.50	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW39	Oil and Grease	5.00 U	mg/L					
HW39-P	Oil and Grease	5.00 U	mg/L					
HW39	Total Dissolved Solids	264.00	mg/L			500.00 mg/L		500.00 mg/L
HW39-P	Total Dissolved Solids	279.00	mg/L			500.00 mg/L		500.00 mg/L
HW39	Total Suspended Solids	10.00 U	mg/L					
HW39-P	Total Suspended Solids	10.00 U	mg/L					
HW39	1-Methylnaphthalene	4.76 U	ug/L	97.00 ug/L				
HW39-P	1-Methylnaphthalene	5.00 U	ug/L	97.00 ug/L				
HW39	Acenaphthene	57.10 U	ug/L	400.00 ug/L				
HW39-P	Acenaphthene	60.00 U	ug/L	400.00 ug/L				
HW39	Acenaphthylene	4.76 U	ug/L					
HW39-P	Acenaphthylene	5.00 U	ug/L					
HW39	Acetophenone	4.76 U	ug/L	1,500.00 ug/L				
HW39-P	Acetophenone	5.00 U	ug/L	1,500.00 ug/L				
HW39	Anthracene	4.76 U	ug/L	1,300.00 ug/L				
HW39-P	Anthracene	5.00 U	ug/L	1,300.00 ug/L				
HW39	Atrazine	4.76 U	ug/L	26.00 ug/L	3.00 ug/L		3.00 ug/L	
HW39-P	Atrazine	5.00 U	ug/L	26.00 ug/L	3.00 ug/L		3.00 ug/L	
HW39	Benzo(a)anthracene	4.76 U	ug/L	2.90 ug/L				
HW39-P	Benzo(a)anthracene	5.00 U	ug/L	2.90 ug/L				
HW39	Benzo(a)pyrene	4.76 U	ug/L	0.29 ug/L	0.20 ug/L		0.20 ug/L	
HW39-P	Benzo(a)pyrene	5.00 U	ug/L	0.29 ug/L	0.20 ug/L		0.20 ug/L	
HW39	Biphenyl	4.76 U	ug/L					
HW39-P	Biphenyl	5.00 U	ug/L					
HW39	Bromophenyl-4 Phenyl Ether	57.10 U	ug/L					
HW39-P	Bromophenyl-4 Phenyl Ether	60.00 U	ug/L					
HW39	Butylbenzyl phthalate	4.76 U	ug/L	1,400.00 ug/L				
HW39-P	Butylbenzyl phthalate	5.00 U	ug/L	1,400.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	Caprolactam	4.76 U	ug/L	7,700.00 ug/L				
HW39-P	Caprolactam	5.00 U	ug/L	7,700.00 ug/L				
HW39	Carbazole	4.76 U	ug/L					
HW39-P	Carbazole	5.00 U	ug/L					
HW39	Chlorobenzenamine-4	4.76 U	ug/L	3.20 ug/L				
HW39-P	Chlorobenzenamine-4	5.00 U	ug/L	3.20 ug/L				
HW39	Chloronaphthalene-2	4.76 U	ug/L	550.00 ug/L				
HW39-P	Chloronaphthalene-2	5.00 U	ug/L	550.00 ug/L				
HW39	Chlorophenol-2	4.76 U	ug/L	71.00 ug/L				
HW39-P	Chlorophenol-2	5.00 U	ug/L	71.00 ug/L				
HW39	Chlorophenyl-4 phenyl ether	4.76 U	ug/L					
HW39-P	Chlorophenyl-4 phenyl ether	5.00 U	ug/L					
HW39	Chrysene	4.76 U	ug/L	290.00 ug/L				
HW39-P	Chrysene	5.00 U	ug/L	290.00 ug/L				
HW39	Cresol, parachloro meta-	4.76 U	ug/L					
HW39-P	Cresol, parachloro meta-	5.00 U	ug/L					
HW39	Cresol-4,6-dinitro-ortho	57.10 U	ug/L					
HW39-P	Cresol-4,6-dinitro-ortho	60.00 U	ug/L					
HW39	Cresol-o	4.76 U	ug/L	720.00 ug/L				
HW39-P	Cresol-o	5.00 U	ug/L	720.00 ug/L				
HW39	Cresol-p	4.76 U	ug/L	72.00 ug/L				
HW39-P	Cresol-p	5.00 U	ug/L	72.00 ug/L				
HW39	Dibenz(a,h)anthracene	4.76 U	ug/L	0.29 ug/L				
HW39-P	Dibenz(a,h)anthracene	5.00 U	ug/L	0.29 ug/L				
HW39	Dibenzofuran	4.76 U	ug/L					
HW39-P	Dibenzofuran	5.00 U	ug/L					
HW39	Dichlorobenzidine-3,3'	4.76 U	ug/L	11.00 ug/L				
HW39-P	Dichlorobenzidine-3,3'	5.00 U	ug/L	11.00 ug/L				
HW39	Dichlorophenol-2,4	4.76 U	ug/L	35.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-P	Dichlorophenol-2,4	5.00 U	ug/L	35.00 ug/L				
HW39	Dimethylphenol, 2,4-	4.76 U	ug/L	270.00 ug/L				
HW39-P	Dimethylphenol, 2,4-	5.00 U	ug/L	270.00 ug/L				
HW39	Dinitrophenol-2,4	57.10 U	ug/L	30.00 ug/L				
HW39-P	Dinitrophenol-2,4	60.00 U	ug/L	30.00 ug/L				
HW39	Dinitrotoluene-2,4	4.76 U	ug/L					
HW39-P	Dinitrotoluene-2,4	5.00 U	ug/L					
HW39	Dinitrotoluene-2,6	57.10 U	ug/L					
HW39-P	Dinitrotoluene-2,6	60.00 U	ug/L					
HW39	Ether, bis(2-chloroethyl)	4.76 U	ug/L	1.20 ug/L				
HW39-P	Ether, bis(2-chloroethyl)	5.00 U	ug/L	1.20 ug/L				
HW39	Ether-bis(2-chloroisopropyl)	57.10 U	ug/L					
HW39-P	Ether-bis(2-chloroisopropyl)	60.00 U	ug/L					
HW39	Fluoranthene	4.76 U	ug/L	630.00 ug/L				
HW39-P	Fluoranthene	5.00 U	ug/L	630.00 ug/L				
HW39	Fluoranthene benzo(k)	4.76 U	ug/L	29.00 ug/L				
HW39-P	Fluoranthene benzo(k)	5.00 U	ug/L	29.00 ug/L				
HW39	Fluoranthene-benzo(b)	4.76 U	ug/L	5.60 ug/L				
HW39-P	Fluoranthene-benzo(b)	5.00 U	ug/L	5.60 ug/L				
HW39	Fluorene	57.10 U	ug/L	220.00 ug/L				
HW39-P	Fluorene	60.00 U	ug/L	220.00 ug/L				
HW39	Hexachlorobenzene	4.76 U	ug/L	4.20 ug/L	1.00 ug/L		1.00 ug/L	
HW39-P	Hexachlorobenzene	5.00 U	ug/L	4.20 ug/L	1.00 ug/L		1.00 ug/L	
HW39	Hexachlorobutadiene	4.76 U	ug/L	26.00 ug/L				
HW39	Hexachlorobutadiene	0.50 U	ug/L	26.00 ug/L				
HW39-P	Hexachlorobutadiene	5.00 U	ug/L	26.00 ug/L				
HW39-P	Hexachlorobutadiene	0.50 U	ug/L	26.00 ug/L				
HW39	Hexachlorocyclopentadiene	4.76 U	ug/L	22.00 ug/L	50.00 ug/L		50.00 ug/L	
HW39-P	Hexachlorocyclopentadiene	5.00 U	ug/L	22.00 ug/L	50.00 ug/L		50.00 ug/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	Hexachloroethane	4.76 U	ug/L	5.10 ug/L				
HW39-P	Hexachloroethane	5.00 U	ug/L	5.10 ug/L				
HW39	Isophorone	4.76 U	ug/L	6,700.00 ug/L				
HW39-P	Isophorone	5.00 U	ug/L	6,700.00 ug/L				
HW39	Methane, bis(2-chloroethoxy)	4.76 U	ug/L	47.00 ug/L				
HW39-P	Methane, bis(2-chloroethoxy)	5.00 U	ug/L	47.00 ug/L				
HW39	Methylnaphthalene-2	4.76 U	ug/L	27.00 ug/L				
HW39-P	Methylnaphthalene-2	5.00 U	ug/L	27.00 ug/L				
HW39	Naphthalene	0.50 U	ug/L	14.00 ug/L				
HW39	Naphthalene	4.76 U	ug/L	14.00 ug/L				
HW39-P	Naphthalene	5.00 U	ug/L	14.00 ug/L				
HW39-P	Naphthalene	0.50 U	ug/L	14.00 ug/L				
HW39	Nitroaniline, ortho	4.76 U	ug/L	150.00 ug/L				
HW39-P	Nitroaniline, ortho	5.00 U	ug/L	150.00 ug/L				
HW39	Nitroaniline-3	4.76 U	ug/L					
HW39-P	Nitroaniline-3	5.00 U	ug/L					
HW39	Nitrobenzenamine-4	4.76 U	ug/L	61.00 ug/L				
HW39-P	Nitrobenzenamine-4	5.00 U	ug/L	61.00 ug/L				
HW39	Nitrobenzene	4.76 U	ug/L	12.00 ug/L				
HW39-P	Nitrobenzene	5.00 U	ug/L	12.00 ug/L				
HW39	Nitrophenol-2	4.76 U	ug/L					
HW39-P	Nitrophenol-2	5.00 U	ug/L					
HW39	Nitrophenol-4	9.52 U	ug/L					
HW39-P	Nitrophenol-4	10.00 U	ug/L					
HW39	Nitrosodimethylamine-n	4.76 U	ug/L	0.04 ug/L				
HW39-P	Nitrosodimethylamine-n	5.00 U	ug/L	0.04 ug/L				
HW39	Nitrosodiphenylamine-n	4.76 U	ug/L	1,000.00 ug/L				
HW39-P	Nitrosodiphenylamine-n	5.00 U	ug/L	1,000.00 ug/L				
HW39	Pentachlorophenol	57.10 U	ug/L	17.00 ug/L	1.00 ug/L		1.00 ug/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-P	Pentachlorophenol	60.00 U	ug/L	17.00 ug/L	1.00 ug/L		1.00 ug/L	
HW39	Perylene-benzo(ghi)	4.76 U	ug/L					
HW39-P	Perylene-benzo(ghi)	5.00 U	ug/L					
HW39	Phenanthrene	57.10 U	ug/L					
HW39-P	Phenanthrene	60.00 U	ug/L					
HW39	Phenol	4.76 U	ug/L	4,500.00 ug/L				
HW39-P	Phenol	5.00 U	ug/L	4,500.00 ug/L				
HW39	Phthalate, bis(2-ethylhexyl) (DEHP)	5.51	ug/L	7.10 ug/L	6.00 ug/L		6.00 ug/L	
HW39-P	Phthalate, bis(2-ethylhexyl) (DEHP)	5.00 U	ug/L	7.10 ug/L	6.00 ug/L		6.00 ug/L	
HW39	Phthalate, Dimethyl	4.76 U	ug/L	1,400.00 ug/L				
HW39-P	Phthalate, Dimethyl	5.00 U	ug/L	1,400.00 ug/L				
HW39	Phthalate, di-n-butyl-	4.76 U	ug/L	670.00 ug/L				
HW39-P	Phthalate, di-n-butyl-	5.00 U	ug/L	670.00 ug/L				
HW39	Phthalate, di-n-octyl	4.76 U	ug/L					
HW39-P	Phthalate, di-n-octyl	5.00 U	ug/L					
HW39	Phthalate-diethyl	4.76 U	ug/L	11,000.00 ug/L				
HW39-P	Phthalate-diethyl	5.00 U	ug/L	11,000.00 ug/L				
HW39	Propylamine,n-nitroso di-n-	4.76 U	ug/L	0.93 ug/L				
HW39-P	Propylamine,n-nitroso di-n-	5.00 U	ug/L	0.93 ug/L				
HW39	Pyrene	57.10 U	ug/L	87.00 ug/L				
HW39-P	Pyrene	60.00 U	ug/L	87.00 ug/L				
HW39	Pyrene-indeno(1,2,3-cd)	4.76 U	ug/L	3.00 ug/L				
HW39-P	Pyrene-indeno(1,2,3-cd)	5.00 U	ug/L	3.00 ug/L				
HW39	Tetrachlorobenzene, 1,2,4,5-	4.76 U	ug/L	1.20 ug/L				
HW39-P	Tetrachlorobenzene, 1,2,4,5-	5.00 U	ug/L	1.20 ug/L				
HW39	Tetrachlorophenol, 2,3,4,6-	4.76 U	ug/L	170.00 ug/L				
HW39-P	Tetrachlorophenol, 2,3,4,6-	5.00 U	ug/L	170.00 ug/L				
HW39	Trichlorophenol-2,4,5	4.76 U	ug/L	890.00 ug/L				
HW39-P	Trichlorophenol-2,4,5	5.00 U	ug/L	890.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	Trichlorophenol-2,4,6	4.76 U	ug/L	9.04 ug/L				
HW39-P	Trichlorophenol-2,4,6	5.00 U	ug/L	9.04 ug/L				
HW39	TPH - Diesel Range Organics	250.00 U	ug/L					
HW39-P	TPH - Diesel Range Organics	250.00 U	ug/L					
HW39	TPH - Gasoline Range Organics	50.00 U	ug/L					
HW39-P	TPH - Gasoline Range Organics	50.00 U	ug/L					
HW39	TPH - Oil Range Organics	1,000.00 U	ug/L					
HW39-P	TPH - Oil Range Organics	1,000.00 U	ug/L					
HW39	1,2-Dibromo-3-chloropropane (DBCP)	0.50 U	ug/L	0.03 ug/L	0.20 ug/L		0.20 ug/L	
HW39-P	1,2-Dibromo-3-chloropropane (DBCP)	0.50 U	ug/L	0.03 ug/L	0.20 ug/L		0.20 ug/L	
HW39	4-Methyl-2-pentanone	2.00 U	ug/L	1,000.00 ug/L				
HW39-P	4-Methyl-2-pentanone	2.00 U	ug/L	1,000.00 ug/L				
HW39	Acetone	2.00 U	ug/L					
HW39-P	Acetone	3.10 U	ug/L					
HW39	Benzene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39-P	Benzene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39	Bromobenzene	0.50 U	ug/L					
HW39-P	Bromobenzene	0.50 U	ug/L					
HW39	Bromoform	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW39-P	Bromoform	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW39	Butylbenzene	0.50 U	ug/L					
HW39-P	Butylbenzene	0.50 U	ug/L					
HW39	Butylbenzene, sec-	0.50 U	ug/L					
HW39-P	Butylbenzene, sec-	0.50 U	ug/L					
HW39	Butylbenzene, tert-	0.50 U	ug/L					
HW39-P	Butylbenzene, tert-	0.50 U	ug/L					
HW39	Carbon disulfide	0.50 U	ug/L					
HW39-P	Carbon disulfide	0.50 U	ug/L					
HW39	Carbon Tetrachloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-P	Carbon Tetrachloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39	Chlorobenzene	0.50 U	ug/L		100.00 ug/L			
HW39-P	Chlorobenzene	0.50 U	ug/L		100.00 ug/L			
HW39	Chlorobromomethane	0.50 U	ug/L					
HW39-P	Chlorobromomethane	0.50 U	ug/L					
HW39	Chloroethane	0.50 U	ug/L					
HW39-P	Chloroethane	0.50 U	ug/L					
HW39	Chloroform	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW39-P	Chloroform	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW39	Chlorotoluene	0.50 U	ug/L	180.00 ug/L				
HW39-P	Chlorotoluene	0.50 U	ug/L	180.00 ug/L				
HW39	Chlorotoluene-p	0.50 U	ug/L	190.00 ug/L				
HW39-P	Chlorotoluene-p	0.50 U	ug/L	190.00 ug/L				
HW39	Cyclohexane	0.50 UJ	ug/L					
HW39-P	Cyclohexane	0.50 UJ	ug/L					
HW39	Dibromochloromethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW39-P	Dibromochloromethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW39	Dibromoethane-1,2	0.50 U	ug/L	0.65 ug/L	0.05 ug/L		0.05 ug/L	
HW39-P	Dibromoethane-1,2	0.50 U	ug/L	0.65 ug/L	0.05 ug/L		0.05 ug/L	
HW39	Dibromomethane	0.50 U	ug/L					
HW39-P	Dibromomethane	0.50 U	ug/L					
HW39	Dichlorobenzene-1,2	0.50 U	ug/L	280.00 ug/L	600.00 ug/L		600.00 ug/L	
HW39-P	Dichlorobenzene-1,2	0.50 U	ug/L	280.00 ug/L	600.00 ug/L		600.00 ug/L	
HW39	Dichlorobenzene-1,3	0.50 U	ug/L					
HW39-P	Dichlorobenzene-1,3	0.50 U	ug/L					
HW39	Dichlorobenzene-1,4	0.50 U	ug/L	42.00 ug/L	75.00 ug/L		75.00 ug/L	
HW39-P	Dichlorobenzene-1,4	0.50 U	ug/L	42.00 ug/L	75.00 ug/L		75.00 ug/L	
HW39	Dichlorobromomethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW39-P	Dichlorobromomethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	Dichlorodifluoromethane	0.50 U	ug/L					
HW39-P	Dichlorodifluoromethane	0.50 U	ug/L					
HW39	Dichloroethane-1,1	0.50 U	ug/L	240.00 ug/L				
HW39-P	Dichloroethane-1,1	0.50 U	ug/L	240.00 ug/L				
HW39	Dichloroethane-1,2	0.50 U	ug/L	15.00 ug/L	5.00 ug/L		5.00 ug/L	
HW39-P	Dichloroethane-1,2	0.50 U	ug/L	15.00 ug/L	5.00 ug/L		5.00 ug/L	
HW39	Dichloroethene-1,2 trans	0.50 U	ug/L		100.00 ug/L		100.00 ug/L	
HW39-P	Dichloroethene-1,2 trans	0.50 J	ug/L		100.00 ug/L		100.00 ug/L	
HW39	Dichloroethylene-1,1	0.50 U	ug/L		7.00 ug/L		7.00 ug/L	
HW39-P	Dichloroethylene-1,1	0.50 U	ug/L		7.00 ug/L		7.00 ug/L	
HW39	Dichloroethylene-1,2 cis	0.50 U	ug/L		70.00 ug/L		70.00 ug/L	
HW39-P	Dichloroethylene-1,2 cis	0.50 U	ug/L		70.00 ug/L		70.00 ug/L	
HW39	Dichloropropane, 1,2-	0.50 U	ug/L	38.00 ug/L	5.00 ug/L		5.00 ug/L	
HW39-P	Dichloropropane, 1,2-	0.50 U	ug/L	38.00 ug/L	5.00 ug/L		5.00 ug/L	
HW39	Dichloropropane, 1,3-	0.50 U	ug/L	290.00 ug/L				
HW39-P	Dichloropropane, 1,3-	0.50 U	ug/L	290.00 ug/L				
HW39	Dichloropropane, 2,2-	0.50 U	ug/L					
HW39-P	Dichloropropane, 2,2-	0.50 U	ug/L					
HW39	Dichloropropene, 1,1-	0.50 U	ug/L					
HW39-P	Dichloropropene, 1,1-	0.50 U	ug/L					
HW39	Dichloropropene, 1,3 cis-	0.50 U	ug/L					
HW39-P	Dichloropropene, 1,3 cis-	0.50 U	ug/L					
HW39	Dichloropropene, 1,3 trans-	0.50 U	ug/L					
HW39-P	Dichloropropene, 1,3 trans-	0.50 U	ug/L					
HW39	Ethylbenzene	0.50 U	ug/L		700.00 ug/L		700.00 ug/L	
HW39-P	Ethylbenzene	0.50 U	ug/L		700.00 ug/L		700.00 ug/L	
HW39	Freon 113	0.50 UJ	ug/L					
HW39-P	Freon 113	0.50 UJ	ug/L					
HW39	Hexanone, 2-	2.00 U	ug/L	34.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-P	Hexanone, 2-	2.00 U	ug/L	34.00 ug/L				
HW39	Isopropylbenzene	0.50 U	ug/L					
HW39-P	Isopropylbenzene	0.50 U	ug/L					
HW39	Isopropylbenzene-4,methyl-1	0.50 U	ug/L					
HW39-P	Isopropylbenzene-4,methyl-1	0.50 U	ug/L					
HW39	m,p-Xylene	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW39-P	m,p-Xylene	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW39	Methyl acetate	0.50 UJ	ug/L					
HW39-P	Methyl acetate	0.50 UJ	ug/L					
HW39	Methyl bromide	0.50 UJ	ug/L					
HW39-P	Methyl bromide	0.50 U	ug/L					
HW39	Methyl chloride	0.50 U	ug/L					
HW39-P	Methyl chloride	0.50 U	ug/L					
HW39	Methyl cyclohexane	0.50 UJ	ug/L					
HW39-P	Methyl cyclohexane	0.50 UJ	ug/L					
HW39	Methyl ethyl ketone	2.00 U	ug/L	4,900.00 ug/L				
HW39-P	Methyl ethyl ketone	2.00 U	ug/L	4,900.00 ug/L				
HW39	Methyl tertiary butyl ether (MTBE)	0.50 UJ	ug/L					
HW39-P	Methyl tertiary butyl ether (MTBE)	0.50 UJ	ug/L					
HW39	Methylene chloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39-P	Methylene chloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39	Propylbenzene-n	0.50 U	ug/L					
HW39-P	Propylbenzene-n	0.50 U	ug/L					
HW39	Styrene	1.00 UJ	ug/L		100.00 ug/L		100.00 ug/L	
HW39-P	Styrene	1.00 UJ	ug/L		100.00 ug/L		100.00 ug/L	
HW39	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00 ug/L				
HW39-P	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00 ug/L				
HW39	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60 ug/L				
HW39-P	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39	Tetrachloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39-P	Tetrachloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39	Toluene	0.50 U	ug/L		1,000.00 ug/L		1,000.00 ug/L	
HW39-P	Toluene	0.50 U	ug/L		1,000.00 ug/L		1,000.00 ug/L	
HW39	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20 ug/L				
HW39-P	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20 ug/L				
HW39	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20 ug/L	70.00 ug/L		70.00 ug/L	
HW39-P	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20 ug/L	70.00 ug/L		70.00 ug/L	
HW39	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00 ug/L	200.00 ug/L		200.00 ug/L	
HW39-P	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00 ug/L	200.00 ug/L		200.00 ug/L	
HW39	Trichloroethane-1,1,2	0.50 U	ug/L	0.41 ug/L	5.00 ug/L		5.00 ug/L	
HW39-P	Trichloroethane-1,1,2	0.50 U	ug/L	0.41 ug/L	5.00 ug/L		5.00 ug/L	
HW39	Trichloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39-P	Trichloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW39	Trichlorofluoromethane	0.50 U	ug/L					
HW39-P	Trichlorofluoromethane	0.50 U	ug/L					
HW39	Trichloropropane-1,2,3	0.50 U	ug/L	0.07 ug/L				
HW39-P	Trichloropropane-1,2,3	0.50 U	ug/L	0.07 ug/L				
HW39	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00 ug/L				
HW39-P	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00 ug/L				
HW39	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00 ug/L				
HW39-P	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00 ug/L				
HW39	Vinyl acetate	0.50 U	ug/L					
HW39-P	Vinyl acetate	0.50 U	ug/L					
HW39	Vinyl chloride	0.50 U	ug/L		2.00 ug/L		2.00 ug/L	
HW39-P	Vinyl chloride	0.50 U	ug/L		2.00 ug/L		2.00 ug/L	
HW39	Xylene-o	1.00 UJ	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW39-P	Xylene-o	1.00 UJ	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW39	Nitrogen, Nitrite + Nitrate	0.05 U	mg/L		10.00 mg/L		10.00 mg/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW39-P	Nitrogen, Nitrite + Nitrate	0.05 U	mg/L		10.00 mg/L		10.00 mg/L	
HW39	Total Nitrogen	1.00 U	mg/L					
HW39-P	Total Nitrogen	1.00 U	mg/L					
HW39	Total Phosphorus as P	0.05 U	mg/L					
HW39-P	Total Phosphorus as P	0.05 U	mg/L					

* No more than 5.0% samples total coliform-positive in a month. (For water systems that collect fewer than 40 routine samples per month, no more than one sample can be total coliform-positive per month.) Every sample that has total coliform must be analyzed for either fecal coliforms or E. coli if two consecutive TC-positive samples, and one is also positive for E.coli fecal coliforms, system has an acute MCL violation.
** EPA has not established an MCL for lead or copper. Lead and copper are regulated by a Treatment Technique that requires public drinking water systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water system must take additional steps. For lead, the action level is 15 ug/L, and for copper is 1,300 ug/L.
*** The DEP Primary MCLs for lead (5 ug/L) and copper (1,000 ug/L) are applicable only to bottled, vended, retail and bulk water hauling systems, otherwise the DEP uses the federal action levels for lead (15 ug/L), and for copper (1,300 ug/L).
R - Indicates that the data has been rejected. For glycol analyses, data with detected concentrations above the Method Detection Limit (MDL) and less than the Reporting Limit (RL) were rejected due to the laboratory not using a second column and/or gas chromatography with mass spectrometry to confirm the identity of the compound listed. For Heterotropic Plate Count analysis, data were rejected if the laboratory did not run a method blank (i.e. sterility control) for each series of samples plated to determine whether the test samples could have been contaminated during analysis.
MDL - Is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the concentration of the substance is greater than zero.
RL - Is the lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions, typically set at the lowest standard in the calibration curve.
TPH - Total Petroleum Hydrocarbons

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Sample Number – Code that is used to identify the particular sample. See additional information below:

HW## – Identifies the sample location and indicates that it was collected at well head or closest point to the well head

F – Indicates that the sample was filtered following collection. The purpose of filtering the sample is to remove any particulates in order to find what metals are actually dissolved in the water sample.

Z – Identifies a duplicate sample. Duplicate samples are collected for every ten samples collected to test the reproducibility of sampling and analytical procedures.

P – Indicates that the sample was collected at the kitchen tap. In some cases this may be following any treatment that the residence may have.

A/B – Designates which residence the sample was collected for sample locations with multiple residences using the same water source (may be a well or a spring).

RO – Indicated that the sample was collected from a residence containing a reverse osmosis treatment system.

N – Designates that the sample was collected from the new well for locations with multiple wells.

Analyte – General term for a substance in the sample. The lab does testing to find specific analytes, or substance in the water sample. The report lists each analyte that the lab tested for and what amounts were found.

Result and Units – identifies the actual result for the particular analyte and the measurement used for the particular type of sample. The results may include the following units for the various water sample analyses:

µg /L – Micrograms per liter (abbreviated as µg /L) measurements of the mass of the substance per liter of water. This measurement is commonly known as parts per billion or ppb. Drinking water results are usually reported in µg /L.

mg/L – Milligrams per liter (abbreviated as mg/L) measurements of the mass of the substance per liter of water. This measurement is commonly known as parts per million or ppm.

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cfu/100 mL – Total Coliform Bacteria results are reported as colony forming units (cfu) per milliliters of water. Coliform bacteria is not a health threat in itself; it is used to indicate whether other potentially harmful bacteria may be present.

cfu/1mL – Heterotrophic Plate Count Bacteria (HPC) are reported as colony forming units (cfu) per milliliter of water. HPC has no health effects; it is an analytic method used to measure the variety of bacteria that are common in water. The lower the concentration of bacteria in drinking water, the better maintained the water system is.

Absent or Present – Fecal Coliform Bacteria are reported as either being Absent or Present. Fecal Coliform Bacteria are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Disease-causing microbes (pathogens) in these wastes can cause diarrhea, cramps, nausea, headaches, or other symptoms. These pathogens may pose a special health risk for infants, young children, and people with severely compromised immune systems.

Validation Result Qualifiers - EPA performs a quality check on the lab results. After this quality check, EPA may mark the measurement of certain analytes with a qualifier to give additional information about the measurement. This information can apply to **1)** how certain EPA is that the lab detected the analyte and **2)** how certain EPA is of the measurement of the analyte once detected. If there is no qualifier by the result, the detection and measurement of the analyte are certain.

U – Indicates that the analyte was not detected. If there is a number next to the U, this number is the amount of analyte that would have to be present to be detected by the lab given the particular method and/or instrumentation.

J – This means that the analyte was detected, but the value of the result is an estimate.

UJ - The U before the J means that the analyte was not detected in the sample, but this result may be inaccurate. Some analyte may be present.

R – Indicates that the data has been rejected. For glycol analyses, data with detected concentrations above the Method Detection Limit (MDL) and less than the Reporting Limit (RL) were rejected due to the laboratory not using a second column and/or gas chromatography with mass spectrometry to confirm the identity of the compound listed. For Heterotrophic Plate Count analysis, data were rejected if the laboratory did not run a method blank (i.e. sterility control) for each series of samples plated to determine whether the test samples could have been contaminated during analysis.

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MDL – Is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the concentration of the substance is greater than zero.

RL – Is the lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions, typically set at the lowest standard in the calibration curve.

Trigger Level – established for this project, the trigger levels are based on risk-based screening levels and/or standards for public water supplies. A yellow highlighted result represents an analytical result greater than the established trigger level. Results exceeding a trigger level are referred to an EPA toxicologist for further review.

EPA Primary MCLs – the primary maximum contaminant levels (MCLs) are legally enforceable standards established under the Safe Drinking Water Act to protect public health by limiting the levels of contaminants in public drinking water systems. The MCL is the amount of an analyte (substance) that can be present in a water sample that the government considers acceptable to drink. EPA considers the MCLs when evaluating results from residential drinking water wells.

EPA Secondary MCLs - secondary MCLs are non-enforceable standards regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to public water systems, but does not require systems to comply. However, states may choose to adopt them as enforceable standards.

DEP MCLs (Primary and Secondary) – Chapter 109, Pennsylvania Safe Drinking Water Regulations, defines MCL as the maximum permissible level of a contaminant in water which is delivered to a user of a public water system, and includes the primary and secondary MCLs established under the Federal Safe Drinking Water Act, and MCLs adopted under the act.