HW-16
EPA Validated Data Summary Report
Dimock Residential Sampling
Sample Date: 2/10/2012

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16	1-Butanol	10,000.00	U	ug/L	1,500.00	ug/L				
HW16-P	1-Butanol	10,000.00	U	ug/L	1,500.00	ug/L				
HW16z	1-Butanol	10,000.00	U	ug/L	1,500.00	ug/L				
HW16	1-Propanol	10,000.00	U	ug/L						
HW16-P	1-Propanol	10,000.00	U	ug/L						
HW16z	1-Propanol	10,000.00	U	ug/L						
HW16	2-Butanol	10,000.00	U	ug/L						
HW16-P	2-Butanol	10,000.00	U	ug/L						
HW16z	2-Butanol	10,000.00	U	ug/L						
HW16	Ethanol	10,000.00	U	ug/L						
HW16-P	Ethanol	10,000.00	U	ug/L						
HW16z	Ethanol	10,000.00	U	ug/L						
HW16	Methanol	10,000.00	U	ug/L	7,800.00	ug/L				
HW16-P	Methanol	10,000.00	U	ug/L	7,800.00	ug/L				
HW16z	Methanol	10,000.00	U	ug/L	7,800.00	ug/L				
HW16	Anionic Surfactants	0.02		mg/L						
HW16-P	Anionic Surfactants	0.01	U	mg/L						
HW16z	Anionic Surfactants	0.02		mg/L						
HW16	Heterotrophic Plate Count		R	cfu/1mL						
HW16-P	Heterotrophic Plate Count		R	cfu/1mL						
HW16z	Heterotrophic Plate Count		R	cfu/1mL						
HW16	Total Coliform Bacteria	1.00	U	cfu/100mL	0.00	cfu/100mL	5.00 %*			
HW16-P	Total Coliform Bacteria	1.00	U	cfu/100mL	0.00	cfu/100mL	5.00 %*			
HW16z	Total Coliform Bacteria	1.00	U	cfu/100mL	0.00	cfu/100mL	5.00 %*			

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16	Ethane	11.00		ug/L						
HW16-P	Ethane	1.20	U	ug/L						
HW16z	Ethane	10.00		ug/L						
HW16	Ethene	1.10	U	ug/L						
HW16-P	Ethene	1.10	U	ug/L						
HW16z	Ethene	1.10	U	ug/L						
HW16	Methane	25,000.00		ug/L	28,000.00	ug/L				
HW16-P	Methane	380.00		ug/L	28,000.00	ug/L				
HW16z	Methane	26,000.00		ug/L	28,000.00	ug/L				
HW16	2-Butoxyethanol	5.00	U	ug/L						
HW16-P	2-Butoxyethanol	5.00	U	ug/L						
HW16z	2-Butoxyethanol	5.00	U	ug/L						
HW16	2-Methoxyethanol		R	ug/L	78.00	ug/L				
HW16	2-Methoxyethanol	10.00	U	ug/L	78.00	ug/L				
HW16-P	2-Methoxyethanol		R	ug/L	78.00	ug/L				
HW16-P	2-Methoxyethanol	10.00	U	ug/L	78.00	ug/L				
HW16z	2-Methoxyethanol	10.00	U	ug/L	78.00	ug/L				
HW16z	2-Methoxyethanol		R	ug/L	78.00	ug/L				
HW16	Diethylene Glycol	25.00	U	ug/L	8,000.00	ug/L				
HW16-P	Diethylene Glycol	25.00	U	ug/L	8,000.00	ug/L				
HW16z	Diethylene Glycol	25.00	U	ug/L	8,000.00	ug/L				
HW16	Ethylene Glycol	10.00	U	mg/L	31,000.00	ug/L				
HW16-P	Ethylene Glycol	10.00	U	mg/L	31,000.00	ug/L				
HW16z	Ethylene Glycol	10.00	U	mg/L	31,000.00	ug/L				
HW16	Tetraethylene glycol	25.00	U	ug/L	8,000.00	ug/L				
HW16-P	Tetraethylene glycol	25.00	U	ug/L	8,000.00	ug/L				
HW16z	Tetraethylene glycol	25.00	U	ug/L	8,000.00	ug/L				
HW16	Triethylene glycol	25.00	U	ug/L	8,000.00	ug/L				
HW16-P	Triethylene glycol	25.00	U	ug/L	8,000.00	ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z	Triethylene glycol	25.00 U	ug/L	8,000.00 ug/L				
HW16	Bromide	0.86	mg/L					
HW16-P	Bromide	0.86	mg/L					
HW16z	Bromide	0.85	mg/L					
HW16	Chloride	94.90	mg/L			250.00 mg/L		250.00 mg/L
HW16-P	Chloride	94.10	mg/L			250.00 mg/L		250.00 mg/L
HW16z	Chloride	93.40	mg/L			250.00 mg/L		250.00 mg/L
HW16	Fluoride	0.10 U	mg/L	0.62 mg/L	4.00 mg/L	2.00 mg/L	2.00 mg/L	
HW16-P	Fluoride	0.10 U	mg/L	0.62 mg/L	4.00 mg/L	2.00 mg/L	2.00 mg/L	
HW16z	Fluoride	0.10 U	mg/L	0.62 mg/L	4.00 mg/L	2.00 mg/L	2.00 mg/L	
HW16	Sulfate	0.63	mg/L			250.00 mg/L		250.00 mg/L
HW16-P	Sulfate	0.50 U	mg/L			250.00 mg/L		250.00 mg/L
HW16z	Sulfate	0.60	mg/L			250.00 mg/L		250.00 mg/L
HW16	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW16-F	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW16-P	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW16-PF	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW16z	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW16z-F	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW16	Aluminum	102.00	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW16-F	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW16-P	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW16-PF	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW16z	Aluminum	95.40	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW16z-F	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW16	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW16-F	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW16-P	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW16-PF	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW16z-F	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW16	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW16-F	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW16-P	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW16-PF	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW16z	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW16z-F	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW16	Barium	**2,910.00**	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW16-F	Barium	2,870.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW16-P	Barium	2,850.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW16-PF	Barium	2,860.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW16z	Barium	2,890.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW16z-F	Barium	**3,040.00**	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW16	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW16-F	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW16-P	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW16-PF	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW16z	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW16z-F	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW16	Boron	88.40	ug/L	3,100.00 ug/L				
HW16-F	Boron	83.80	ug/L	3,100.00 ug/L				
HW16-P	Boron	85.60	ug/L	3,100.00 ug/L				
HW16-PF	Boron	86.20	ug/L	3,100.00 ug/L				
HW16z	Boron	91.50	ug/L	3,100.00 ug/L				
HW16z-F	Boron	89.10	ug/L	3,100.00 ug/L				
HW16	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW16-F	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW16-P	Cadmium	1.00 U	ug/L	6.90 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
HW16-PF	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW16z	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW16z-F	Cadmium	1.00 U	ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW16	Calcium	35,000.00	ug/L					
HW16-F	Calcium	34,700.00	ug/L					
HW16-P	Calcium	34,500.00	ug/L					
HW16-PF	Calcium	34,800.00	ug/L					
HW16z	Calcium	34,900.00	ug/L					
HW16z-F	Calcium	36,700.00	ug/L					
HW16	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW16-F	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW16-P	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW16-PF	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW16z	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW16z-F	Chromium	2.00 U	ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW16	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW16-F	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW16-P	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW16-PF	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW16z	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW16z-F	Cobalt	1.00 U	ug/L	4.70 ug/L				
HW16	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***	
HW16-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***	
HW16-P	Copper	3.50	ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW16-PF	Copper	3.40	ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW16z	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***	
HW16z-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***	
HW16	Iron	464.00	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW16-F	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16-P	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW16-PF	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW16z	Iron	415.00	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW16z-F	Iron	100.00 U	ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW16	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW16-F	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW16-P	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW16-PF	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW16z	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW16z-F	Lead	1.00 U	ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW16	Lithium	200.00 U	ug/L	31.00 ug/L				
HW16-F	Lithium	200.00 U	ug/L	31.00 ug/L				
HW16-P	Lithium	200.00 U	ug/L	31.00 ug/L				
HW16-PF	Lithium	200.00 U	ug/L	31.00 ug/L				
HW16z	Lithium	200.00 U	ug/L	31.00 ug/L				
HW16z-F	Lithium	200.00 U	ug/L	31.00 ug/L				
HW16	Magnesium	10,200.00	ug/L					
HW16-F	Magnesium	10,100.00	ug/L					
HW16-P	Magnesium	9,980.00	ug/L					
HW16-PF	Magnesium	10,100.00	ug/L					
HW16z	Magnesium	10,100.00	ug/L					
HW16z-F	Magnesium	10,700.00	ug/L					
HW16	Manganese	64.80	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW16-F	Manganese	62.00	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW16-P	Manganese	1.00 U	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW16-PF	Manganese	1.00 U	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW16z	Manganese	64.70	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW16z-F	Manganese	55.60	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW16	Nickel	1.80	ug/L	300.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16-F	Nickel	1.50	ug/L	300.00 ug/L				
HW16-P	Nickel	1.50	ug/L	300.00 ug/L				
HW16-PF	Nickel	1.70	ug/L	300.00 ug/L				
HW16z	Nickel	1.80	ug/L	300.00 ug/L				
HW16z-F	Nickel	1.40	ug/L	300.00 ug/L				
HW16	Potassium	2,110.00	ug/L					
HW16-F	Potassium	2,030.00	ug/L					
HW16-P	Potassium	2,040.00	ug/L					
HW16-PF	Potassium	2,030.00	ug/L					
HW16z	Potassium	2,100.00	ug/L					
HW16z-F	Potassium	2,120.00	ug/L					
HW16	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16-F	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16-P	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16-PF	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16z	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16z-F	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW16-F	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW16-P	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW16-PF	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW16z	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW16z-F	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW16	Sodium	**50,200.00**	ug/L	20,000.00 ug/L				
HW16-F	Sodium	**49,500.00**	ug/L	20,000.00 ug/L				
HW16-P	Sodium	**50,200.00**	ug/L	20,000.00 ug/L				
HW16-PF	Sodium	**49,500.00**	ug/L	20,000.00 ug/L				
HW16z	Sodium	**50,200.00**	ug/L	20,000.00 ug/L				
HW16z-F	Sodium	**52,000.00**	ug/L	20,000.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16	Strontium	1,800.00	ug/L	9,300.00 ug/L				
HW16-F	Strontium	1,770.00	ug/L	9,300.00 ug/L				
HW16-P	Strontium	1,790.00	ug/L	9,300.00 ug/L				
HW16-PF	Strontium	1,760.00	ug/L	9,300.00 ug/L				
HW16z	Strontium	1,800.00	ug/L	9,300.00 ug/L				
HW16z-F	Strontium	1,870.00	ug/L	9,300.00 ug/L				
HW16	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW16-F	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW16-P	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW16-PF	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW16z	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW16z-F	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW16	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW16-F	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW16-P	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW16-PF	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW16z	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW16z-F	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW16	Titanium	200.00 U	ug/L					
HW16-F	Titanium	200.00 U	ug/L					
HW16-P	Titanium	200.00 U	ug/L					
HW16-PF	Titanium	200.00 U	ug/L					
HW16z	Titanium	200.00 U	ug/L					
HW16z-F	Titanium	200.00 U	ug/L					
HW16	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW16-F	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW16-P	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW16-PF	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW16z	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z-F	Uranium	1.00 U ug/L		47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW16	Vanadium	5.00 U ug/L		78.00 ug/L				
HW16-F	Vanadium	5.00 U ug/L		78.00 ug/L				
HW16-P	Vanadium	5.00 U ug/L		78.00 ug/L				
HW16-PF	Vanadium	5.00 U ug/L		78.00 ug/L				
HW16z	Vanadium	5.00 U ug/L		78.00 ug/L				
HW16z-F	Vanadium	5.00 U ug/L		78.00 ug/L				
HW16	Zinc	2.00 U ug/L		4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW16-F	Zinc	2.00 U ug/L		4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW16-P	Zinc	24.80 ug/L		4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW16-PF	Zinc	24.80 ug/L		4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW16z	Zinc	2.00 U ug/L		4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW16z-F	Zinc	2.00 U ug/L		4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW16	Oil and Grease	5.20 UJ mg/L						
HW16-P	Oil and Grease	5.30 UJ mg/L						
HW16z	Oil and Grease	5.40 UJ mg/L						
HW16	Total Dissolved Solids	258.00 mg/L				500.00 mg/L		500.00 mg/L
HW16-P	Total Dissolved Solids	239.00 mg/L				500.00 mg/L		500.00 mg/L
HW16z	Total Dissolved Solids	270.00 mg/L				500.00 mg/L		500.00 mg/L
HW16	Total Suspended Solids	10.00 U mg/L						
HW16-P	Total Suspended Solids	10.00 U mg/L						
HW16z	Total Suspended Solids	10.00 U mg/L						
HW16	1-Methylnaphthalene	4.76 U ug/L		97.00 ug/L				
HW16-P	1-Methylnaphthalene	4.76 U ug/L		97.00 ug/L				
HW16z	1-Methylnaphthalene	4.76 U ug/L		97.00 ug/L				
HW16	Acenaphthene	4.76 U ug/L		400.00 ug/L				
HW16-P	Acenaphthene	4.76 U ug/L		400.00 ug/L				
HW16z	Acenaphthene	4.76 U ug/L		400.00 ug/L				
HW16	Acenaphthylene	4.76 U ug/L						

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16-P	Acenaphthylene	4.76 U	ug/L					
HW16z	Acenaphthylene	4.76 U	ug/L					
HW16	Acetophenone	4.76 U	ug/L	1,500.00 ug/L				
HW16-P	Acetophenone	4.76 U	ug/L	1,500.00 ug/L				
HW16z	Acetophenone	4.76 U	ug/L	1,500.00 ug/L				
HW16	Anthracene	4.76 U	ug/L	1,300.00 ug/L				
HW16-P	Anthracene	4.76 U	ug/L	1,300.00 ug/L				
HW16z	Anthracene	4.76 U	ug/L	1,300.00 ug/L				
HW16	Atrazine	4.76 U	ug/L	26.00 ug/L	3.00 ug/L		3.00 ug/L	
HW16-P	Atrazine	4.76 U	ug/L	26.00 ug/L	3.00 ug/L		3.00 ug/L	
HW16z	Atrazine	4.76 U	ug/L	26.00 ug/L	3.00 ug/L		3.00 ug/L	
HW16	Benzo(a)anthracene	4.76 U	ug/L	2.90 ug/L				
HW16-P	Benzo(a)anthracene	4.76 U	ug/L	2.90 ug/L				
HW16z	Benzo(a)anthracene	4.76 U	ug/L	2.90 ug/L				
HW16	Benzo(a)pyrene	4.76 U	ug/L	0.29 ug/L	0.20 ug/L		0.20 ug/L	
HW16-P	Benzo(a)pyrene	4.76 U	ug/L	0.29 ug/L	0.20 ug/L		0.20 ug/L	
HW16z	Benzo(a)pyrene	4.76 U	ug/L	0.29 ug/L	0.20 ug/L		0.20 ug/L	
HW16	Biphenyl	4.76 U	ug/L					
HW16-P	Biphenyl	4.76 U	ug/L					
HW16z	Biphenyl	4.76 U	ug/L					
HW16	Bromophenyl-4 Phenyl Ether	4.76 U	ug/L					
HW16-P	Bromophenyl-4 Phenyl Ether	4.76 U	ug/L					
HW16z	Bromophenyl-4 Phenyl Ether	4.76 U	ug/L					
HW16	Butylbenzyl phthalate	4.76 U	ug/L	1,400.00 ug/L				
HW16-P	Butylbenzyl phthalate	4.76 U	ug/L	1,400.00 ug/L				
HW16z	Butylbenzyl phthalate	4.76 U	ug/L	1,400.00 ug/L				
HW16	Caprolactam	4.76 U	ug/L	7,700.00 ug/L				
HW16-P	Caprolactam	4.76 U	ug/L	7,700.00 ug/L				
HW16z	Caprolactam	4.76 U	ug/L	7,700.00 ug/L				

Sample Number	Analyte	Result			Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16	Carbazole	4.76	U	ug/L					
HW16-P	Carbazole	4.76	U	ug/L					
HW16z	Carbazole	4.76	U	ug/L					
HW16	Chlorobenzenamine-4	4.76	UJ	ug/L	3.20 ug/L				
HW16-P	Chlorobenzenamine-4	4.76	UJ	ug/L	3.20 ug/L				
HW16z	Chlorobenzenamine-4	4.76	UJ	ug/L	3.20 ug/L				
HW16	Chloronaphthalene-2	4.76	U	ug/L	550.00 ug/L				
HW16-P	Chloronaphthalene-2	4.76	U	ug/L	550.00 ug/L				
HW16z	Chloronaphthalene-2	4.76	U	ug/L	550.00 ug/L				
HW16	Chlorophenol-2	4.76	U	ug/L	71.00 ug/L				
HW16-P	Chlorophenol-2	4.76	U	ug/L	71.00 ug/L				
HW16z	Chlorophenol-2	4.76	U	ug/L	71.00 ug/L				
HW16	Chlorophenyl-4 phenyl ether	4.76	U	ug/L					
HW16-P	Chlorophenyl-4 phenyl ether	4.76	U	ug/L					
HW16z	Chlorophenyl-4 phenyl ether	4.76	U	ug/L					
HW16	Chrysene	4.76	U	ug/L	290.00 ug/L				
HW16-P	Chrysene	4.76	U	ug/L	290.00 ug/L				
HW16z	Chrysene	4.76	U	ug/L	290.00 ug/L				
HW16	Cresol, parachloro meta-	4.76	U	ug/L					
HW16-P	Cresol, parachloro meta-	4.76	U	ug/L					
HW16z	Cresol, parachloro meta-	4.76	U	ug/L					
HW16	Cresol-4,6-dinitro-ortho	9.52	UJ	ug/L					
HW16-P	Cresol-4,6-dinitro-ortho	9.52	UJ	ug/L					
HW16z	Cresol-4,6-dinitro-ortho	9.52	UJ	ug/L					
HW16	Cresol-o	4.76	U	ug/L	720.00 ug/L				
HW16-P	Cresol-o	4.76	U	ug/L	720.00 ug/L				
HW16z	Cresol-o	4.76	U	ug/L	720.00 ug/L				
HW16	Cresol-p	4.76	U	ug/L	72.00 ug/L				
HW16-P	Cresol-p	4.76	U	ug/L	72.00 ug/L				

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z	Cresol-p	4.76	U	ug/L	72.00	ug/L				
HW16	Dibenz(a,h)anthracene	4.76	U	ug/L	0.29	ug/L				
HW16-P	Dibenz(a,h)anthracene	4.76	U	ug/L	0.29	ug/L				
HW16z	Dibenz(a,h)anthracene	4.76	U	ug/L	0.29	ug/L				
HW16	Dibenzofuran	4.76	U	ug/L						
HW16-P	Dibenzofuran	4.76	U	ug/L						
HW16z	Dibenzofuran	4.76	U	ug/L						
HW16	Dichlorobenzidine-3,3'		R	ug/L	11.00	ug/L				
HW16-P	Dichlorobenzidine-3,3'		R	ug/L	11.00	ug/L				
HW16z	Dichlorobenzidine-3,3'		R	ug/L	11.00	ug/L				
HW16	Dichlorophenol-2,4	4.76	U	ug/L	35.00	ug/L				
HW16-P	Dichlorophenol-2,4	4.76	U	ug/L	35.00	ug/L				
HW16z	Dichlorophenol-2,4	4.76	U	ug/L	35.00	ug/L				
HW16	Dimethylphenol, 2,4-	4.76	U	ug/L	270.00	ug/L				
HW16-P	Dimethylphenol, 2,4-	4.76	U	ug/L	270.00	ug/L				
HW16z	Dimethylphenol, 2,4-	4.76	U	ug/L	270.00	ug/L				
HW16	Dinitrophenol-2,4		R	ug/L	30.00	ug/L				
HW16-P	Dinitrophenol-2,4		R	ug/L	30.00	ug/L				
HW16z	Dinitrophenol-2,4		R	ug/L	30.00	ug/L				
HW16	Dinitrotoluene-2,4	4.76	U	ug/L						
HW16-P	Dinitrotoluene-2,4	4.76	U	ug/L						
HW16z	Dinitrotoluene-2,4	4.76	U	ug/L						
HW16	Dinitrotoluene-2,6	4.76	U	ug/L						
HW16-P	Dinitrotoluene-2,6	4.76	U	ug/L						
HW16z	Dinitrotoluene-2,6	4.76	U	ug/L						
HW16	Ether, bis(2-chloroethyl)	4.76	U	ug/L	1.20	ug/L				
HW16-P	Ether, bis(2-chloroethyl)	4.76	U	ug/L	1.20	ug/L				
HW16z	Ether, bis(2-chloroethyl)	4.76	U	ug/L	1.20	ug/L				
HW16	Ether-bis(2-chloroisopropyl)	4.76	U	ug/L						

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16-P	Ether-bis(2-chloroisopropyl)	4.76 U	ug/L					
HW16z	Ether-bis(2-chloroisopropyl)	4.76 U	ug/L					
HW16	Fluoranthene	4.76 U	ug/L	630.00 ug/L				
HW16-P	Fluoranthene	4.76 U	ug/L	630.00 ug/L				
HW16z	Fluoranthene	4.76 U	ug/L	630.00 ug/L				
HW16	Fluoranthene benzo(k)	4.76 U	ug/L	29.00 ug/L				
HW16-P	Fluoranthene benzo(k)	4.76 U	ug/L	29.00 ug/L				
HW16z	Fluoranthene benzo(k)	4.76 U	ug/L	29.00 ug/L				
HW16	Fluoranthene-benzo(b)	4.76 U	ug/L	5.60 ug/L				
HW16-P	Fluoranthene-benzo(b)	4.76 U	ug/L	5.60 ug/L				
HW16z	Fluoranthene-benzo(b)	4.76 U	ug/L	5.60 ug/L				
HW16	Fluorene	4.76 U	ug/L	220.00 ug/L				
HW16-P	Fluorene	4.76 U	ug/L	220.00 ug/L				
HW16z	Fluorene	4.76 U	ug/L	220.00 ug/L				
HW16	Hexachlorobenzene	4.76 U	ug/L	4.20 ug/L	1.00 ug/L		1.00 ug/L	
HW16-P	Hexachlorobenzene	4.76 U	ug/L	4.20 ug/L	1.00 ug/L		1.00 ug/L	
HW16z	Hexachlorobenzene	4.76 U	ug/L	4.20 ug/L	1.00 ug/L		1.00 ug/L	
HW16	Hexachlorobutadiene	0.50 U	ug/L	26.00 ug/L				
HW16	Hexachlorobutadiene	4.76 U	ug/L	26.00 ug/L				
HW16-P	Hexachlorobutadiene	0.50 U	ug/L	26.00 ug/L				
HW16-P	Hexachlorobutadiene	4.76 U	ug/L	26.00 ug/L				
HW16z	Hexachlorobutadiene	4.76 U	ug/L	26.00 ug/L				
HW16z	Hexachlorobutadiene	0.50 U	ug/L	26.00 ug/L				
HW16	Hexachlorocyclopentadiene	4.76 U	ug/L	22.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16-P	Hexachlorocyclopentadiene	4.76 U	ug/L	22.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16z	Hexachlorocyclopentadiene	4.76 U	ug/L	22.00 ug/L	50.00 ug/L		50.00 ug/L	
HW16	Hexachloroethane	4.76 U	ug/L	5.10 ug/L				
HW16-P	Hexachloroethane	4.76 U	ug/L	5.10 ug/L				
HW16z	Hexachloroethane	4.76 U	ug/L	5.10 ug/L				

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16	Isophorone	4.76	U	ug/L	6,700.00	ug/L				
HW16-P	Isophorone	4.76	U	ug/L	6,700.00	ug/L				
HW16z	Isophorone	4.76	U	ug/L	6,700.00	ug/L				
HW16	Methane, bis(2-chloroethoxy)	4.76	U	ug/L	47.00	ug/L				
HW16-P	Methane, bis(2-chloroethoxy)	4.76	U	ug/L	47.00	ug/L				
HW16z	Methane, bis(2-chloroethoxy)	4.76	U	ug/L	47.00	ug/L				
HW16	Methylnaphthalene-2	4.76	U	ug/L	27.00	ug/L				
HW16-P	Methylnaphthalene-2	4.76	U	ug/L	27.00	ug/L				
HW16z	Methylnaphthalene-2	4.76	U	ug/L	27.00	ug/L				
HW16	Naphthalene	0.50	U	ug/L	14.00	ug/L				
HW16	Naphthalene	4.76	U	ug/L	14.00	ug/L				
HW16-P	Naphthalene	0.50	U	ug/L	14.00	ug/L				
HW16-P	Naphthalene	4.76	U	ug/L	14.00	ug/L				
HW16z	Naphthalene	4.76	U	ug/L	14.00	ug/L				
HW16z	Naphthalene	0.50	U	ug/L	14.00	ug/L				
HW16	Nitroaniline, ortho	4.76	U	ug/L	150.00	ug/L				
HW16-P	Nitroaniline, ortho	4.76	U	ug/L	150.00	ug/L				
HW16z	Nitroaniline, ortho	4.76	U	ug/L	150.00	ug/L				
HW16	Nitroaniline-3	4.76	U	ug/L						
HW16-P	Nitroaniline-3	4.76	U	ug/L						
HW16z	Nitroaniline-3	4.76	U	ug/L						
HW16	Nitrobenzenamine-4	4.76	U	ug/L	61.00	ug/L				
HW16-P	Nitrobenzenamine-4	4.76	U	ug/L	61.00	ug/L				
HW16z	Nitrobenzenamine-4	4.76	U	ug/L	61.00	ug/L				
HW16	Nitrobenzene	4.76	U	ug/L	12.00	ug/L				
HW16-P	Nitrobenzene	4.76	U	ug/L	12.00	ug/L				
HW16z	Nitrobenzene	4.76	U	ug/L	12.00	ug/L				
HW16	Nitrophenol-2	4.76	U	ug/L						
HW16-P	Nitrophenol-2	4.76	U	ug/L						

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z	Nitrophenol-2	4.76 U	ug/L					
HW16	Nitrophenol-4	9.52 U	ug/L					
HW16-P	Nitrophenol-4	9.52 U	ug/L					
HW16z	Nitrophenol-4	9.52 U	ug/L					
HW16	Nitrosodimethylamine-n	4.76 U	ug/L	0.04 ug/L				
HW16-P	Nitrosodimethylamine-n	4.76 U	ug/L	0.04 ug/L				
HW16z	Nitrosodimethylamine-n	4.76 U	ug/L	0.04 ug/L				
HW16	Nitrosodiphenylamine-n	4.76 U	ug/L	1,000.00 ug/L				
HW16-P	Nitrosodiphenylamine-n	4.76 U	ug/L	1,000.00 ug/L				
HW16z	Nitrosodiphenylamine-n	4.76 U	ug/L	1,000.00 ug/L				
HW16	Pentachlorophenol	4.76 U	ug/L	17.00 ug/L	1.00 ug/L		1.00 ug/L	
HW16-P	Pentachlorophenol	4.76 U	ug/L	17.00 ug/L	1.00 ug/L		1.00 ug/L	
HW16z	Pentachlorophenol	4.76 U	ug/L	17.00 ug/L	1.00 ug/L		1.00 ug/L	
HW16	Perylene-benzo(ghi)	4.76 U	ug/L					
HW16-P	Perylene-benzo(ghi)	4.76 U	ug/L					
HW16z	Perylene-benzo(ghi)	4.76 U	ug/L					
HW16	Phenanthrene	4.76 U	ug/L					
HW16-P	Phenanthrene	4.76 U	ug/L					
HW16z	Phenanthrene	4.76 U	ug/L					
HW16	Phenol	4.76 U	ug/L	4,500.00 ug/L				
HW16-P	Phenol	4.76 U	ug/L	4,500.00 ug/L				
HW16z	Phenol	4.76 U	ug/L	4,500.00 ug/L				
HW16	Phthalate, bis(2-ethylhexyl) (DEHP)	4.76 U	ug/L	7.10 ug/L	6.00 ug/L		6.00 ug/L	
HW16-P	Phthalate, bis(2-ethylhexyl) (DEHP)	4.76 U	ug/L	7.10 ug/L	6.00 ug/L		6.00 ug/L	
HW16z	Phthalate, bis(2-ethylhexyl) (DEHP)	4.76 U	ug/L	7.10 ug/L	6.00 ug/L		6.00 ug/L	
HW16	Phthalate, Dimethyl	4.76 U	ug/L	1,400.00 ug/L				
HW16-P	Phthalate, Dimethyl	4.76 U	ug/L	1,400.00 ug/L				
HW16z	Phthalate, Dimethyl	4.76 U	ug/L	1,400.00 ug/L				
HW16	Phthalate, di-n-butyl-	4.76 U	ug/L	670.00 ug/L				

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16-P	Phthalate, di-n-butyl-	4.76	U	ug/L	670.00	ug/L				
HW16z	Phthalate, di-n-butyl-	4.76	U	ug/L	670.00	ug/L				
HW16	Phthalate, di-n-octyl	4.76	U	ug/L						
HW16-P	Phthalate, di-n-octyl	4.76	U	ug/L						
HW16z	Phthalate, di-n-octyl	4.76	U	ug/L						
HW16	Phthalate-diethyl	4.76	U	ug/L	11,000.00	ug/L				
HW16-P	Phthalate-diethyl	4.76	U	ug/L	11,000.00	ug/L				
HW16z	Phthalate-diethyl	4.76	U	ug/L	11,000.00	ug/L				
HW16	Propylamine,n-nitroso di-n-	4.76	U	ug/L	0.93	ug/L				
HW16-P	Propylamine,n-nitroso di-n-	4.76	U	ug/L	0.93	ug/L				
HW16z	Propylamine,n-nitroso di-n-	4.76	U	ug/L	0.93	ug/L				
HW16	Pyrene	4.76	U	ug/L	87.00	ug/L				
HW16-P	Pyrene	4.76	U	ug/L	87.00	ug/L				
HW16z	Pyrene	4.76	U	ug/L	87.00	ug/L				
HW16	Pyrene-indeno(1,2,3-cd)	4.76	U	ug/L	3.00	ug/L				
HW16-P	Pyrene-indeno(1,2,3-cd)	4.76	U	ug/L	3.00	ug/L				
HW16z	Pyrene-indeno(1,2,3-cd)	4.76	U	ug/L	3.00	ug/L				
HW16	Tetrachlorobenzene, 1,2,4,5-	4.76	U	ug/L	1.20	ug/L				
HW16-P	Tetrachlorobenzene, 1,2,4,5-	4.76	U	ug/L	1.20	ug/L				
HW16z	Tetrachlorobenzene, 1,2,4,5-	4.76	U	ug/L	1.20	ug/L				
HW16	Tetrachlorophenol, 2,3,4,6-	4.76	U	ug/L	170.00	ug/L				
HW16-P	Tetrachlorophenol, 2,3,4,6-	4.76	U	ug/L	170.00	ug/L				
HW16z	Tetrachlorophenol, 2,3,4,6-	4.76	U	ug/L	170.00	ug/L				
HW16	Trichlorophenol-2,4,5	4.76	U	ug/L	890.00	ug/L				
HW16-P	Trichlorophenol-2,4,5	4.76	U	ug/L	890.00	ug/L				
HW16z	Trichlorophenol-2,4,5	4.76	U	ug/L	890.00	ug/L				
HW16	Trichlorophenol-2,4,6	4.76	U	ug/L	9.04	ug/L				
HW16-P	Trichlorophenol-2,4,6	4.76	U	ug/L	9.04	ug/L				
HW16z	Trichlorophenol-2,4,6	4.76	U	ug/L	9.04	ug/L				

Sample Number	Analyte	Result			Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16	TPH - Diesel Range Organics	250.00	U	ug/L					
HW16-P	TPH - Diesel Range Organics	250.00	U	ug/L					
HW16z	TPH - Diesel Range Organics	250.00	U	ug/L					
HW16	TPH - Gasoline Range Organics	50.00	U	ug/L					
HW16-P	TPH - Gasoline Range Organics	50.00	U	ug/L					
HW16z	TPH - Gasoline Range Organics	50.00	U	ug/L					
HW16	TPH - Oil Range Organics	1,000.00	U	ug/L					
HW16-P	TPH - Oil Range Organics	1,000.00	U	ug/L					
HW16z	TPH - Oil Range Organics	1,000.00	U	ug/L					
HW16	1,2-Dibromo-3-chloropropane (DBCP)	0.50	U	ug/L	0.03 ug/L	0.20 ug/L		0.20 ug/L	
HW16-P	1,2-Dibromo-3-chloropropane (DBCP)	0.50	U	ug/L	0.03 ug/L	0.20 ug/L		0.20 ug/L	
HW16z	1,2-Dibromo-3-chloropropane (DBCP)	0.50	U	ug/L	0.03 ug/L	0.20 ug/L		0.20 ug/L	
HW16	4-Methyl-2-pentanone	2.00	U	ug/L	1,000.00 ug/L				
HW16-P	4-Methyl-2-pentanone	2.00	U	ug/L	1,000.00 ug/L				
HW16z	4-Methyl-2-pentanone	2.00	U	ug/L	1,000.00 ug/L				
HW16	Acetone	2.00	U	ug/L					
HW16-P	Acetone	4.20	J	ug/L					
HW16z	Acetone	2.00	U	ug/L					
HW16	Benzene	0.50	U	ug/L		5.00 ug/L		5.00 ug/L	
HW16-P	Benzene	0.50	U	ug/L		5.00 ug/L		5.00 ug/L	
HW16z	Benzene	0.50	U	ug/L		5.00 ug/L		5.00 ug/L	
HW16	Bromobenzene	0.50	U	ug/L					
HW16-P	Bromobenzene	0.50	U	ug/L					
HW16z	Bromobenzene	0.50	U	ug/L					
HW16	Bromoform	0.50	U	ug/L		80.00 ug/L		80.00 ug/L	
HW16-P	Bromoform	2.40		ug/L		80.00 ug/L		80.00 ug/L	
HW16z	Bromoform	0.50	U	ug/L		80.00 ug/L		80.00 ug/L	
HW16	Butylbenzene	0.50	U	ug/L					
HW16-P	Butylbenzene	0.50	U	ug/L					

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z	Butylbenzene	0.50 U	ug/L					
HW16	Butylbenzene, sec-	0.50 U	ug/L					
HW16-P	Butylbenzene, sec-	0.50 U	ug/L					
HW16z	Butylbenzene, sec-	0.50 U	ug/L					
HW16	Butylbenzene, tert-	0.50 U	ug/L					
HW16-P	Butylbenzene, tert-	0.50 U	ug/L					
HW16z	Butylbenzene, tert-	0.50 U	ug/L					
HW16	Carbon disulfide	0.05 J	ug/L					
HW16-P	Carbon disulfide	0.50 U	ug/L					
HW16z	Carbon disulfide	0.06 J	ug/L					
HW16	Carbon Tetrachloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16-P	Carbon Tetrachloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16z	Carbon Tetrachloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16	Chlorobenzene	0.50 U	ug/L		100.00 ug/L			
HW16-P	Chlorobenzene	0.50 U	ug/L		100.00 ug/L			
HW16z	Chlorobenzene	0.50 U	ug/L		100.00 ug/L			
HW16	Chlorobromomethane	0.50 U	ug/L					
HW16-P	Chlorobromomethane	0.50 U	ug/L					
HW16z	Chlorobromomethane	0.50 U	ug/L					
HW16	Chloroethane	0.50 U	ug/L					
HW16-P	Chloroethane	0.50 U	ug/L					
HW16z	Chloroethane	0.50 U	ug/L					
HW16	Chloroform	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16-P	Chloroform	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16z	Chloroform	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16	Chlorotoluene	0.50 U	ug/L	180.00 ug/L				
HW16-P	Chlorotoluene	0.50 U	ug/L	180.00 ug/L				
HW16z	Chlorotoluene	0.50 U	ug/L	180.00 ug/L				
HW16	Chlorotoluene-p	0.50 U	ug/L	190.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16-P	Chlorotoluene-p	0.50 U	ug/L	190.00 ug/L				
HW16z	Chlorotoluene-p	0.50 U	ug/L	190.00 ug/L				
HW16	Cyclohexane	0.50 U	ug/L					
HW16-P	Cyclohexane	0.50 U	ug/L					
HW16z	Cyclohexane	0.50 U	ug/L					
HW16	Dibromochloromethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16-P	Dibromochloromethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16z	Dibromochloromethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16	Dibromoethane-1,2	0.50 U	ug/L	0.65 ug/L	0.05 ug/L		0.05 ug/L	
HW16-P	Dibromoethane-1,2	0.50 U	ug/L	0.65 ug/L	0.05 ug/L		0.05 ug/L	
HW16z	Dibromoethane-1,2	0.50 U	ug/L	0.65 ug/L	0.05 ug/L		0.05 ug/L	
HW16	Dibromomethane	0.50 U	ug/L					
HW16-P	Dibromomethane	0.50 U	ug/L					
HW16z	Dibromomethane	0.50 U	ug/L					
HW16	Dichlorobenzene-1,2	0.50 U	ug/L	280.00 ug/L	600.00 ug/L		600.00 ug/L	
HW16-P	Dichlorobenzene-1,2	0.50 U	ug/L	280.00 ug/L	600.00 ug/L		600.00 ug/L	
HW16z	Dichlorobenzene-1,2	0.50 U	ug/L	280.00 ug/L	600.00 ug/L		600.00 ug/L	
HW16	Dichlorobenzene-1,3	0.50 U	ug/L					
HW16-P	Dichlorobenzene-1,3	0.50 U	ug/L					
HW16z	Dichlorobenzene-1,3	0.50 U	ug/L					
HW16	Dichlorobenzene-1,4	0.50 U	ug/L	42.00 ug/L	75.00 ug/L		75.00 ug/L	
HW16-P	Dichlorobenzene-1,4	0.50 U	ug/L	42.00 ug/L	75.00 ug/L		75.00 ug/L	
HW16z	Dichlorobenzene-1,4	0.50 U	ug/L	42.00 ug/L	75.00 ug/L		75.00 ug/L	
HW16	Dichlorobromomethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16-P	Dichlorobromomethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16z	Dichlorobromomethane	0.50 U	ug/L		80.00 ug/L		80.00 ug/L	
HW16	Dichlorodifluoromethane	0.50 U	ug/L					
HW16-P	Dichlorodifluoromethane	0.50 U	ug/L					
HW16z	Dichlorodifluoromethane	0.50 U	ug/L					

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16	Dichloroethane-1,1	0.50 U	ug/L	240.00 ug/L				
HW16-P	Dichloroethane-1,1	0.50 U	ug/L	240.00 ug/L				
HW16z	Dichloroethane-1,1	0.50 U	ug/L	240.00 ug/L				
HW16	Dichloroethane-1,2	0.50 U	ug/L	15.00 ug/L	5.00 ug/L		5.00 ug/L	
HW16-P	Dichloroethane-1,2	0.50 U	ug/L	15.00 ug/L	5.00 ug/L		5.00 ug/L	
HW16z	Dichloroethane-1,2	0.50 U	ug/L	15.00 ug/L	5.00 ug/L		5.00 ug/L	
HW16	Dichloroethene-1,2 trans	0.50 U	ug/L		100.00 ug/L		100.00 ug/L	
HW16-P	Dichloroethene-1,2 trans	0.50	ug/L		100.00 ug/L		100.00 ug/L	
HW16z	Dichloroethene-1,2 trans	0.50 U	ug/L		100.00 ug/L		100.00 ug/L	
HW16	Dichloroethylene-1,1	0.50 U	ug/L		7.00 ug/L		7.00 ug/L	
HW16-P	Dichloroethylene-1,1	0.50 U	ug/L		7.00 ug/L		7.00 ug/L	
HW16z	Dichloroethylene-1,1	0.50 U	ug/L		7.00 ug/L		7.00 ug/L	
HW16	Dichloroethylene-1,2 cis	0.50 U	ug/L		70.00 ug/L		70.00 ug/L	
HW16-P	Dichloroethylene-1,2 cis	0.50 U	ug/L		70.00 ug/L		70.00 ug/L	
HW16z	Dichloroethylene-1,2 cis	0.50 U	ug/L		70.00 ug/L		70.00 ug/L	
HW16	Dichloropropane, 1,2-	0.50 U	ug/L	38.00 ug/L	5.00 ug/L		5.00 ug/L	
HW16-P	Dichloropropane, 1,2-	0.50 U	ug/L	38.00 ug/L	5.00 ug/L		5.00 ug/L	
HW16z	Dichloropropane, 1,2-	0.50 U	ug/L	38.00 ug/L	5.00 ug/L		5.00 ug/L	
HW16	Dichloropropane, 1,3-	0.50 U	ug/L	290.00 ug/L				
HW16-P	Dichloropropane, 1,3-	0.50 U	ug/L	290.00 ug/L				
HW16z	Dichloropropane, 1,3-	0.50 U	ug/L	290.00 ug/L				
HW16	Dichloropropane, 2,2-	0.50 U	ug/L					
HW16-P	Dichloropropane, 2,2-	0.50 U	ug/L					
HW16z	Dichloropropane, 2,2-	0.50 U	ug/L					
HW16	Dichloropropene, 1,1-	0.50 U	ug/L					
HW16-P	Dichloropropene, 1,1-	0.50 U	ug/L					
HW16z	Dichloropropene, 1,1-	0.50 U	ug/L					
HW16	Dichloropropene, 1,3 cis-	0.50 U	ug/L					
HW16-P	Dichloropropene, 1,3 cis-	0.50 U	ug/L					

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z	Dichloropropene, 1,3 cis-	0.50 U	ug/L					
HW16	Dichloropropene, 1,3 trans-	0.50 U	ug/L					
HW16-P	Dichloropropene, 1,3 trans-	0.50 U	ug/L					
HW16z	Dichloropropene, 1,3 trans-	0.50 U	ug/L					
HW16	Ethylbenzene	0.50 U	ug/L		700.00 ug/L		700.00 ug/L	
HW16-P	Ethylbenzene	0.50 U	ug/L		700.00 ug/L		700.00 ug/L	
HW16z	Ethylbenzene	0.50 U	ug/L		700.00 ug/L		700.00 ug/L	
HW16	Freon 113	0.50 U	ug/L					
HW16-P	Freon 113	0.50 U	ug/L					
HW16z	Freon 113	0.50 U	ug/L					
HW16	Hexanone, 2-	2.00 U	ug/L	34.00 ug/L				
HW16-P	Hexanone, 2-	2.00 U	ug/L	34.00 ug/L				
HW16z	Hexanone, 2-	2.00 U	ug/L	34.00 ug/L				
HW16	Isopropylbenzene	0.50 U	ug/L					
HW16-P	Isopropylbenzene	0.50 U	ug/L					
HW16z	Isopropylbenzene	0.50 U	ug/L					
HW16	Isopropylbenzene-4,methyl-1	0.50 U	ug/L					
HW16-P	Isopropylbenzene-4,methyl-1	0.50 U	ug/L					
HW16z	Isopropylbenzene-4,methyl-1	0.50 U	ug/L					
HW16	m,p-Xylene	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW16-P	m,p-Xylene	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW16z	m,p-Xylene	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW16	Methyl acetate	0.50 U	ug/L					
HW16-P	Methyl acetate	0.50 U	ug/L					
HW16z	Methyl acetate	0.50 U	ug/L					
HW16	Methyl bromide	0.50 U	ug/L					
HW16-P	Methyl bromide	0.50 U	ug/L					
HW16z	Methyl bromide	0.50 U	ug/L					
HW16	Methyl chloride	0.50 U	ug/L					

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16-P	Methyl chloride	0.50 U	ug/L					
HW16z	Methyl chloride	0.50 U	ug/L					
HW16	Methyl cyclohexane	0.50 U	ug/L					
HW16-P	Methyl cyclohexane	0.50 U	ug/L					
HW16z	Methyl cyclohexane	0.50 U	ug/L					
HW16	Methyl ethyl ketone	2.00 U	ug/L	4,900.00 ug/L				
HW16-P	Methyl ethyl ketone	3.10	ug/L	4,900.00 ug/L				
HW16z	Methyl ethyl ketone	2.00 U	ug/L	4,900.00 ug/L				
HW16	Methyl tertiary butyl ether (MTBE)	0.50 U	ug/L					
HW16-P	Methyl tertiary butyl ether (MTBE)	0.50 U	ug/L					
HW16z	Methyl tertiary butyl ether (MTBE)	0.50 U	ug/L					
HW16	Methylene chloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16-P	Methylene chloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16z	Methylene chloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16	Propylbenzene-n	0.50 U	ug/L					
HW16-P	Propylbenzene-n	0.50 U	ug/L					
HW16z	Propylbenzene-n	0.50 U	ug/L					
HW16	Styrene	1.00 U	ug/L		100.00 ug/L		100.00 ug/L	
HW16-P	Styrene	1.00 U	ug/L		100.00 ug/L		100.00 ug/L	
HW16z	Styrene	1.00 U	ug/L		100.00 ug/L		100.00 ug/L	
HW16	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00 ug/L				
HW16-P	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00 ug/L				
HW16z	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00 ug/L				
HW16	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60 ug/L				
HW16-P	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60 ug/L				
HW16z	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60 ug/L				
HW16	Tetrachloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16-P	Tetrachloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16z	Tetrachloroethylene	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
HW16	Toluene	0.50 U	ug/L		1,000.00 ug/L		1,000.00 ug/L	
HW16-P	Toluene	0.50 U	ug/L		1,000.00 ug/L		1,000.00 ug/L	
HW16z	Toluene	0.50 U	ug/L		1,000.00 ug/L		1,000.00 ug/L	
HW16	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20 ug/L				
HW16-P	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20 ug/L				
HW16z	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20 ug/L				
HW16	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20 ug/L	70.00 ug/L		70.00 ug/L	
HW16-P	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20 ug/L	70.00 ug/L		70.00 ug/L	
HW16z	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20 ug/L	70.00 ug/L		70.00 ug/L	
HW16	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00 ug/L	200.00 ug/L		200.00 ug/L	
HW16-P	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00 ug/L	200.00 ug/L		200.00 ug/L	
HW16z	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00 ug/L	200.00 ug/L		200.00 ug/L	
HW16	Trichloroethane-1,1,2	0.50 U	ug/L	0.41 ug/L	5.00 ug/L		5.00 ug/L	
HW16-P	Trichloroethane-1,1,2	0.50 U	ug/L	0.41 ug/L	5.00 ug/L		5.00 ug/L	
HW16z	Trichloroethane-1,1,2	0.50 U	ug/L	0.41 ug/L	5.00 ug/L		5.00 ug/L	
HW16	Trichloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16-P	Trichloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16z	Trichloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW16	Trichlorofluoromethane	0.50 U	ug/L					
HW16-P	Trichlorofluoromethane	0.50 U	ug/L					
HW16z	Trichlorofluoromethane	0.50 U	ug/L					
HW16	Trichloropropane-1,2,3	0.50 U	ug/L	0.07 ug/L				
HW16-P	Trichloropropane-1,2,3	0.50 U	ug/L	0.07 ug/L				
HW16z	Trichloropropane-1,2,3	0.50 U	ug/L	0.07 ug/L				
HW16	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00 ug/L				
HW16-P	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00 ug/L				
HW16z	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00 ug/L				
HW16	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00 ug/L				
HW16-P	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW16z	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00 ug/L				
HW16	Vinyl acetate	0.50 U	ug/L					
HW16-P	Vinyl acetate	0.50 U	ug/L					
HW16z	Vinyl acetate	0.50 U	ug/L					
HW16	Vinyl chloride	0.50 U	ug/L		2.00 ug/L		2.00 ug/L	
HW16-P	Vinyl chloride	0.50 U	ug/L		2.00 ug/L		2.00 ug/L	
HW16z	Vinyl chloride	0.50 U	ug/L		2.00 ug/L		2.00 ug/L	
HW16	Xylene-o	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW16-P	Xylene-o	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW16z	Xylene-o	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW16	Nitrogen, Nitrite + Nitrate	0.05 U	mg/L		10.00 mg/L		10.00 mg/L	
HW16-P	Nitrogen, Nitrite + Nitrate	0.05 U	mg/L		10.00 mg/L		10.00 mg/L	
HW16z	Nitrogen, Nitrite + Nitrate	0.05 U	mg/L		10.00 mg/L		10.00 mg/L	
HW16	Total Nitrogen	1.00 U	mg/L					
HW16-P	Total Nitrogen	1.00 U	mg/L					
HW16z	Total Nitrogen	1.00 U	mg/L					
HW16	Total Phosphorus as P	0.05 U	mg/L					
HW16-P	Total Phosphorus as P	0.05 U	mg/L					
HW16z	Total Phosphorus as P	0.05 U	mg/L					

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.

TPH - Total Petroleum Hydrocarbons

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.

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,

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.

* 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).

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. For semivolatile organic compound analysis, non-detect data have been rejected due to low recoveries of required method quality control checks.
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