

Sample Number:	ME51E9		ME51F1		ME51F2		ME51F3		ME51F4		Residential and Commercial / Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Criteria and RBSLs
Sampling Location:	MW2		FB1		FB2		PB1		PB2			
Matrix:	Water		Water		Water		Water		Water			
Units:	ug/L		ug/L		ug/L		ug/L		ug/L			
Date Sampled:	10212010		10192010		10202010		10202010		10212010			
Time Sampled:	09:00:00		15:00:00		14:00:00		14:00:00		09:30:00			
%Solids:	0.0		0.0		0.0		0.0		0.0			
Dilution Factor:	1.0		1.0		1.0		1.0		1.0			
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
ALUMINUM	127	J-	200	U	200	U	200	U	200	U	50 (V)	NA
ANTIMONY	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	6.0 (A)	130 (X)
ARSENIC	10.0	U	9.0	J	11.0		8.2	J	10.8		10 (A)	150 (X)
BARIUM	70.3	J	200	U	200	U	200	U	200	U	2,000 (A)	88 (G,X)
BERYLLIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	4.0 (A)	0.052 (G)
CADMIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0 (A)	0.73 (G,X)
CALCIUM	45500		5000	U	5000	U	5000	U	5000	U	Not Listed	Not Listed
CHROMIUM	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	100 (A)	21 (G,X)
COBALT	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	40	100
COPPER	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	1,000 (E)	2.5 (G)
IRON	595	J	100	UJ	100	UJ	100	UJ	100	UJ	300 (E)	NA
LEAD	6.3	J	10.0	U	10.0	U	10.0	U	10.0	U	4.0 (L)	1.9 (G,X)
MAGNESIUM	13200		5000	U	5000	U	5000	U	5000	U	400000	NA
MANGANESE	434	J	15.0	UJ	15.0	UJ	15.0	UJ	15.0	UJ	50 (E)	510 (G,X)
MERCURY	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	2.0 (A)	0.0013
NICKEL	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	100 (A)	14 (G)
POTASSIUM	3170	J	5000	U	5000	U	5000	U	5000	U	Not Listed	Not Listed
SELENIUM	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U	50 (A)	5.0
SILVER	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	34	0.2 (M); 0.06
SODIUM	37500	J	2950	J	1580	J	1080	J	964	J	120,000	NA
THALLIUM	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	2.0 (A)	3.7 (X)
VANADIUM	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	4.5	12
ZINC	60.0	U	1.6	J	2.8	J	1.4	J	1.4	J	2,400	33 (G)
CYANIDE	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	200 (A)	5.2

Bold = detected

1530 = exceeds listed criterion(a)

U = not detected above method detection limit

J = estimated

(G) = water hardness was estimated as 22 mg CaCo3/L to calculate generic facility-specific GSI Criteria.

Sample Number:	ME51F5		ME51F6		ME51F7		ME51F8		ME51G0		Residential and Commercial I Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Criteria and RBSLs
Sampling Location:	TMW1		TMW2		TMW3		TMW4		TMW5			
Matrix:	Water		Water		Water		Water		Water			
Units:	ug/L		ug/L		ug/L		ug/L		ug/L			
Date Sampled:	10192010		10192010		10202010		10202010		10202010			
Time Sampled:	09:25:00		11:35:00		12:45:00		16:15:00		10:00:00			
%Solids:	0.0		0.0		0.0		0.0		0.0			
Dilution Factor:	1.0		1.0		1.0		1.0		1.0			
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
ALUMINUM	200	U	932		786		272	J+	748		50 (V)	NA
ANTIMONY	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	6.0 (A)	130 (X)
ARSENIC	12.4	J+	13.9	J+	15.3	J+	14.5	J+	13.7	J+	10 (A)	150 (X)
BARIUM	36.0	J	60.0	J	50.4	J	103	J	185	J	2,000 (A)	88 (G,X)
BERYLLIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	4.0 (A)	0.052 (G)
CADMIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0 (A)	0.73 (G,X)
CALCIUM	58200		67100		9960		71200		69700		Not Listed	Not Listed
CHROMIUM	10.0	U	10.0	U	0.83	J-	10.0	U	0.96	J-	100 (A)	21 (G,X)
COBALT	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	40	100
COPPER	3.3	J-	7.4	J-	3.3	J-	25.0	U	3.9	J-	1,000 (E)	1.9 (G)
IRON	100	UJ	4000	J	2930	J	8370	J	74400	J	300 (E)	NA
LEAD	10.0		11.6		14.5		14.4		18.1		4.0 (L)	1.9 (G,X)
MAGNESIUM	10900		16200		2820	J	17100		9040		400000	NA
MANGANESE	250	J	754	J	847	J	1810	J	2410	J	50 (E)	510 (G,X)
MERCURY	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	2.0 (A)	0.0013
NICKEL	3.0	J	3.7	J	2.3	J	0.82	J	4.2	J	100 (A)	14 (G)
POTASSIUM	4970	J	2240	J	7180		5390		8810		Not Listed	Not Listed
SELENIUM	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U	50 (A)	5.0
SILVER	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	34	0.2 (M); 0.06
SODIUM	17900	J	19000	J	3260000	J	22800	J	22500	J	120,000	NA
THALLIUM	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	2.0 (A)	3.7 (X)
VANADIUM	2.1	J	4.2	J	5.5	J	2.6	J	11.4	J	4.5	12
ZINC	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	2,400	33 (G)
CYANIDE	10.0	U	10.0	U	26.4		169		2080		200 (A)	5.2

Bold = detected

1530 = exceeds listed criterion(a)

U = not detected above method detection limit

J = estimated

(G) = water hardness was estimated as 22 mg CaCo3/L to calculate generic facility-specific GSI Criteria.

Sample Number:	ME51G1		ME51G2		ME51G3		ME51G4		ME51G5		Residential and Commercial I Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Criteria and RBSLs
Sampling Location:	TMW6		TMW7		TMW8		SW1		SW2			
Matrix:	Water		Water		Water		Water		Water			
Units:	ug/L		ug/L		ug/L		ug/L		ug/L			
Date Sampled:	10202010		10212010		10202010		10212010		10212010			
Time Sampled:	16:10:00		09:29:00		12:55:00		14:50:00		13:40:00			
%Solids:	0.0		0.0		0.0		0.0		0.0			
Dilution Factor:	1.0		1.0		1.0		1.0		1.0			
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
ALUMINUM	281	J+	286	J+	1060		159	J	233		50 (V)	NA
ANTIMONY	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	6.0 (A)	130 (X)
ARSENIC	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10 (A)	150 (X)
BARIUM	216		75.1	J	136	J	10.4	J	11.5	J	2,000 (A)	88 (G,X)
BERYLLIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	4.0 (A)	0.052 (G)
CADMIUM	0.42	J	0.36	J	5.0	U	5.0	U	5.0	U	5.0 (A)	0.73 (G,X)
CALCIUM	127000		136000		143000		11200		12100		Not Listed	Not Listed
CHROMIUM	10.0	U	10.0	U	10.0	U	10.0	U	0.67	J-	100 (A)	21 (G,X)
COBALT	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	40	100
COPPER	25.0	U	25.0	U	2.5	J-	25.0	U	25.0	U	1,000 (E)	1.9 (G)
IRON	50900	J	69900	J	72900	J	671	J	710	J	300 (E)	NA
LEAD	19.0		16.0		17.0		4.1	J	4.1	J	4.0 (L)	1.9 (G,X)
MAGNESIUM	22000		21200		18700		2780	J	2930	J	400000	NA
MANGANESE	6030	J	4240	J	14000	J	29.3	J	31.6	J	50 (E)	510 (G,X)
MERCURY	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	2.0 (A)	0.0013
NICKEL	2.6	J	2.6	J	3.3	J	40.0	U	40.0	U	100 (A)	14 (G)
POTASSIUM	4070	J	5720		4630	J	533	J	483	J	Not Listed	Not Listed
SELENIUM	2.9	J	2.4	J	35.0	U	35.0	U	35.0	U	50 (A)	5.0
SILVER	10.0	U	10.0	U	5.1	J	10.0	U	10.0	U	34	0.2 (M); 0.06
SODIUM	11200	J+	20900	J	5790	J+	5000	UJ	5000	UJ	120,000	NA
THALLIUM	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	2.0 (A)	3.7 (X)
VANADIUM	6.2	J	4.1	J	12.9	J	50.0	U	50.0	U	4.5	12
ZINC	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	2,400	33 (G)
CYANIDE	2140		2780		400		10.0	U	10.0	U	200 (A)	5.2

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Sample Number:	ME51G6		ME51G7		ME51G8		ME51G9		Residential and Commercial I Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Criteria and RBSLs
Sampling Location:	SW2D		SW3		SW4		SW5			
Matrix:	Water		Water		Water		Water			
Units:	ug/L		ug/L		ug/L		ug/L			
Date Sampled:	10212010		10212010		10212010		10212010			
Time Sampled:	13:40:00		12:00:00		10:00:00		09:10:00			
%Solids:	0.0		0.0		0.0		0.0			
Dilution Factor:	1.0		1.0		1.0		1.0			
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
ALUMINUM	200		159	J	202		203		50 (V)	NA
ANTIMONY	60.0	U	60.0	U	60.0	U	60.0	U	6.0 (A)	130 (X)
ARSENIC	10.0	U	10.0	U	10.0	U	10.0	U	10 (A)	150 (X)
BARIUM	11.5	J	10.8	J	12.9	J	10.3	J	2,000 (A)	88 (G,X)
BERYLLIUM	5.0	U	5.0	U	5.0	U	5.0	U	4.0 (A)	0.052 (G)
CADMIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0 (A)	0.73 (G,X)
CALCIUM	11400		9960		11800		10800		Not Listed	Not Listed
CHROMIUM	10.0	U	0.59	J-	0.60	J-	0.53	J-	100 (A)	21 (G,X)
COBALT	50.0	U	50.0	U	50.0	U	50.0	U	40	100
COPPER	25.0	U	25.0	U	25.0	U	25.0	U	1,000 (E)	1.9 (G)
IRON	652	J	723	J	691	J	621	J	300 (E)	NA
LEAD	4.5	J	3.0	J	4.0	J	3.4	J	4.0 (L)	1.9 (G,X)
MAGNESIUM	2670	J	2350	J	2820	J	2560	J	400000	NA
MANGANESE	41.1	J	52.3	J	38.7	J	27.3	J	50 (E)	510 (G,X)
MERCURY	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	2.0 (A)	0.0013
NICKEL	40.0	U	40.0	U	40.0	U	40.0	U	100 (A)	14 (G)
POTASSIUM	580	J	458	J	832	J	555	J	Not Listed	Not Listed
SELENIUM	35.0	U	35.0	U	35.0	U	35.0	U	50 (A)	5.0
SILVER	10.0	U	10.0	U	10.0	U	10.0	U	34	0.2 (M); 0.06
SODIUM	5000	UJ	5000	UJ	5000	UJ	5000	UJ	120,000	NA
THALLIUM	25.0	U	25.0	U	25.0	U	25.0	U	2.0 (A)	3.7 (X)
VANADIUM	50.0	U	50.0	U	50.0	U	50.0	U	4.5	12
ZINC	60.0	U	60.0	U	60.0	U	60.0	U	2,400	33 (G)
CYANIDE	10.0	U	10.0	U	10.0	U	10.0	U	200 (A)	5.2

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