

FWDA GROUND WATER MONITORING PROGRAM

APPENDIX A3

OCTOBER 2009 SAMPLING EVENT

TOTAL AND DISSOLVED METALS RESULTS TABLES

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW02102009	10:30	SODIUM	5	50	6.16	176	mg/L			
CMW02102009	10/20/2009	CALCIUM	7440-70-	0.5	0.00903	6.44	mg/L			
CMW02102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.21	mg/L			
CMW02102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	0.595	mg/L			
CMW02102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW02102009	10/20/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0585	mg/L			
CMW02102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0263	mg/L			
CMW02102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0232	mg/L	J	T	J
CMW02102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.0137	mg/L	J	T	J
CMW02102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW02102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0097	mg/L			
CMW02102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0074	mg/L	J	T	J
CMW02102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW02102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW02102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW02102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW02102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW02102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW02102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW02102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0020	mg/L	J	T	J
CMW02102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW02102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW02102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW04102009	10/20/2009	SODIUM	7440-23-	500	61.6	1190	mg/L			
CMW04102009	10/20/2009	CALCIUM	7440-70-	5	0.0903	36.4	mg/L			
CMW04102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	4.78	mg/L			
CMW04102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	1.84	mg/L			
CMW04102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW04102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.185	mg/L			
CMW04102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
CMW04102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW04102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.0137	mg/L	J	T	J
CMW04102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0096	mg/L			
CMW04102009	10/20/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0065	mg/L			
CMW04102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0063	mg/L	J	T	J
CMW04102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW04102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW04102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW04102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW04102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW04102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW04102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0043	mg/L	J	T	J
CMW04102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW04102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW04102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0010	mg/L	J	T	J
CMW04102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW07102009	10/20/2009	SODIUM	7440-23-	50	6.16	325	mg/L			
CMW07102009	10/20/2009	CALCIUM	7440-70-	5	0.0903	11.7	mg/L			
CMW07102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	2.41	mg/L			
CMW07102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	1.23	mg/L			
CMW07102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW07102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW07102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
CMW07102009	10/20/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0468	mg/L			
CMW07102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW07102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0160	mg/L			
CMW07102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW07102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0054	mg/L			
CMW07102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW07102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW07102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW07102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW07102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0044	mg/L	J	T	J
CMW07102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0042	mg/L	J	T	J
CMW07102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0029	mg/L	J	T	J
CMW07102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0023	mg/L			
CMW07102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW07102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW07102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW10102009	10/26/2009	SODIUM	7440-23-	500	61.6	1260	mg/L			
CMW10102009	10/26/2009	CALCIUM	7440-70-	5	0.0903	84.7	mg/L			
CMW10102009	10/26/2009	POTASSIUM	7440-09-	0.5	0.0563	6.70	mg/L			
CMW10102009	10/26/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.354	mg/L	J	8,T	J
CMW10102009	10/26/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
CMW10102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW10102009	10/26/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0416	mg/L	J	T	J
CMW10102009	10/26/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0400	mg/L			
CMW10102009	10/26/2009	SELENIUM	7782-49-	0.01	0.00561	0.0390	mg/L			
CMW10102009	10/26/2009	BARIUM	7440-39-	0.003	0.00024	0.0198	mg/L			
CMW10102009	10/26/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0120	mg/L			
CMW10102009	10/26/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW10102009	10/26/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW10102009	10/26/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW10102009	10/26/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW10102009	10/26/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW10102009	10/26/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW10102009	10/26/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW10102009	10/26/2009	ZINC	7440-66-	0.01	0.00123	0.0028	mg/L	J	T	J
CMW10102009	10/26/2009	COPPER	7440-50-	0.02	0.00207	0.0024	mg/L	J	T	J
CMW10102009	10/26/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW10102009	10/26/2009	MANGANESE	7439-96-	0.001	0.00034	0.0010	mg/L	U		
CMW10102009	10/26/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW14102009	10/21/2009	SODIUM	7440-23-	50	6.16	845	mg/L			
CMW14102009	10/21/2009	CALCIUM	7440-70-	5	0.0903	26.8	mg/L			
CMW14102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	3.75	mg/L			
CMW14102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.954	mg/L			
CMW14102009	10/21/2009	CHROMIUM	7440-47-	0.02	0.005	0.589	mg/L			
CMW14102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW14102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.0484	mg/L	J	T	J
CMW14102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0425	mg/L			
CMW14102009	10/21/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.0422	mg/L	J	T	J
CMW14102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0235	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW14102009	10/21/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0166	mg/L			
CMW14102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0107	mg/L	J	T	J
CMW14102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW14102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW14102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW14102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW14102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW14102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW14102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0044	mg/L			
CMW14102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0017	mg/L	J	T	J
CMW14102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0010	mg/L	U		
CMW14102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0007	mg/L	J	T	J
CMW14102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW17102009	10/27/2009	SODIUM	7440-23-	50	6.16	185	mg/L			
CMW17102009	10/27/2009	CALCIUM	7440-70-	5	0.0903	10.8	mg/L			
CMW17102009	10/27/2009	POTASSIUM	7440-09-	0.5	0.0563	1.83	mg/L			
CMW17102009	10/27/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.70	mg/L		8	J
CMW17102009	10/27/2009	ALUMINUM	7429-90-	0.05	0.0158	0.250	mg/L			
CMW17102009	10/27/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW17102009	10/27/2009	IRON	7439-89-	0.3	0.00965	0.188	mg/L	J	T	J
CMW17102009	10/27/2009	BARIUM	7440-39-	0.003	0.00024	0.0448	mg/L			
CMW17102009	10/27/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0415	mg/L			
CMW17102009	10/27/2009	ZINC	7440-66-	0.01	0.00123	0.0390	mg/L			
CMW17102009	10/27/2009	MANGANESE	7439-96-	0.001	0.00034	0.0353	mg/L			
CMW17102009	10/27/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW17102009	10/27/2009	COPPER	7440-50-	0.02	0.00207	0.0064	mg/L	J	T	J
CMW17102009	10/27/2009	ARSENIC	7440-38-	0.005	0.00443	0.0061	mg/L			
CMW17102009	10/27/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW17102009	10/27/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW17102009	10/27/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW17102009	10/27/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW17102009	10/27/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW17102009	10/27/2009	NICKEL	7440-02-	0.002	0.00071	0.0039	mg/L			
CMW17102009	10/27/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0011	mg/L	J	T	J
CMW17102009	10/27/2009	COBALT	7440-48-	0.005	0.00025	0.0010	mg/L	J	7	U
CMW17102009	10/27/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW18102009	10/21/2009	Sodium	7440-23-	1.0	0.3	151	mg/L			
CMW18102009	10/21/2009	SODIUM	7440-23-	50	6.16	137	mg/L			
CMW18102009	10/21/2009	Calcium	7440-70-	0.1	0.03	49.8	mg/L			
CMW18102009	10/21/2009	CALCIUM	7440-70-	5	0.0903	48.0	mg/L			
CMW18102009	10/21/2009	MAGNESIUM	7439-95-	5	0.0854	14.8	mg/L			
CMW18102009	10/21/2009	Magnesium	7439-95-	0.04	0.003	14.2	mg/L			
CMW18102009	10/21/2009	Potassium	7440-09-	0.05	0.006	0.95	mg/L			
CMW18102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	0.929	mg/L			
CMW18102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
CMW18102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW18102009	10/21/2009	Barium	7440-39-	5E-04	0.00004	0.051	mg/L			
CMW18102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
CMW18102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0479	mg/L			
CMW18102009	10/21/2009	Iron	7439-89-	0.04	0.0136	0.040	mg/L	U		
CMW18102009	10/21/2009	Zinc	7440-66-	0.02	0.0023	0.030	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW18102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0270	mg/L			
CMW18102009	10/21/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0241	mg/L			
CMW18102009	10/21/2009	Aluminum	7429-90-	0.02	0.001	0.024	mg/L			
CMW18102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW18102009	10/21/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.019	mg/L			
CMW18102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.0118	mg/L	J	T	J
CMW18102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW18102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW18102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW18102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW18102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW18102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW18102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW18102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0049	mg/L	J	T	J
CMW18102009	10/21/2009	Selenium	7782-49-	0.001	0.0001	0.0021	mg/L			
CMW18102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW18102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW18102009	10/21/2009	Manganese	7439-96-	5E-04	0.00006	0.0019	mg/L			
CMW18102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0015	mg/L			
CMW18102009	10/21/2009	Arsenic	7440-38-	2E-04	0.00009	0.0009	mg/L			
CMW18102009	10/21/2009	Copper	7440-50-	5E-04	0.0003	0.0008	mg/L			
CMW18102009	10/21/2009	Cobalt	7440-48-	5E-04	0.00003	0.0008	mg/L			
CMW18102009	10/21/2009	Chromium	7440-47-	5E-04	0.00004	0.0004	mg/L	J	T	J
CMW18102009	10/21/2009	Nickel	7440-02-	5E-04	0.00016	0.0003	mg/L	J	T	J
CMW18102009	10/21/2009	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
CMW18102009	10/21/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
CMW18102009	10/21/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
CMW18102009	10/21/2009	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
CMW18102009	10/21/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
CMW18102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW18102009	10/21/2009	Thallium	7440-28-	2E-04	0.00001	0.0000	mg/L	J	T	J
CMW19102009	10/26/2009	SODIUM	7440-23-	50	6.16	346	mg/L			
CMW19102009	10/26/2009	CALCIUM	7440-70-	0.5	0.00903	4.02	mg/L			
CMW19102009	10/26/2009	POTASSIUM	7440-09-	0.5	0.0563	2.65	mg/L			
CMW19102009	10/26/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.782	mg/L		8	J
CMW19102009	10/26/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
CMW19102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW19102009	10/26/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
CMW19102009	10/26/2009	BARIUM	7440-39-	0.003	0.00024	0.0331	mg/L			
CMW19102009	10/26/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW19102009	10/26/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0197	mg/L			
CMW19102009	10/26/2009	ZINC	7440-66-	0.01	0.00123	0.0125	mg/L			
CMW19102009	10/26/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW19102009	10/26/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW19102009	10/26/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW19102009	10/26/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW19102009	10/26/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW19102009	10/26/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW19102009	10/26/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW19102009	10/26/2009	THALLIUM	7440-28-	0.005	0.0026	0.0027	mg/L	J	T	J
CMW19102009	10/26/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW19102009	10/26/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW19102009	10/26/2009	MANGANESE	7439-96-	0.001	0.00034	0.0012	mg/L			
CMW19102009	10/26/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW22102009	10/16/2009	SODIUM	7440-23-	50	6.16	164	mg/L			
CMW22102009	10/16/2009	CALCIUM	7440-70-	0.5	0.00903	5.52	mg/L	E		
CMW22102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	0.749	mg/L			
CMW22102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.670	mg/L			
CMW22102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW22102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0885	mg/L			
CMW22102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0532	mg/L			
CMW22102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.0234	mg/L			
CMW22102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW22102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.0194	mg/L	J	T	J
CMW22102009	10/16/2009	MANGANESE	7439-96-	0.001	0.00034	0.0172	mg/L		9	J
CMW22102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW22102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW22102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW22102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW22102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW22102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW22102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW22102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW22102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0024	mg/L			
CMW22102009	10/16/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0024	mg/L	J	T	J
CMW22102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW22102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW23102009	10/16/2009	SODIUM	7440-23-	50	6.16	694	mg/L			
CMW23102009	10/16/2009	CALCIUM	7440-70-	5	0.0903	22.9	mg/L			
CMW23102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	2.59	mg/L			
CMW23102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	1.77	mg/L			
CMW23102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW23102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0517	mg/L			
CMW23102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.0411	mg/L	J	T	J
CMW23102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.0374	mg/L			
CMW23102009	10/16/2009	MANGANESE	7439-96-	0.001	0.00034	0.0274	mg/L		9	J
CMW23102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW23102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0094	mg/L			
CMW23102009	10/16/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0077	mg/L			
CMW23102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW23102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW23102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW23102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW23102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW23102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0044	mg/L	J	T	J
CMW23102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0043	mg/L			
CMW23102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0039	mg/L	J	T	J
CMW23102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW23102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW23102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW24102009	10/22/2009	SODIUM	7440-23-	50	6.16	588	mg/L			
CMW24102009	10/22/2009	CALCIUM	7440-70-	0.5	0.00903	7.59	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW24102009	10/22/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.16	mg/L			
CMW24102009	10/22/2009	POTASSIUM	7440-09-	0.5	0.0563	1.10	mg/L			
CMW24102009	10/22/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
CMW24102009	10/22/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW24102009	10/22/2009	MANGANESE	7439-96-	0.001	0.00034	0.195	mg/L			
CMW24102009	10/22/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
CMW24102009	10/22/2009	BARIUM	7440-39-	0.003	0.00024	0.0292	mg/L			
CMW24102009	10/22/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW24102009	10/22/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW24102009	10/22/2009	ZINC	7440-66-	0.01	0.00123	0.0100	mg/L	U		
CMW24102009	10/22/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW24102009	10/22/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW24102009	10/22/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW24102009	10/22/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW24102009	10/22/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW24102009	10/22/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW24102009	10/22/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0034	mg/L	J	T	J
CMW24102009	10/22/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW24102009	10/22/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW24102009	10/22/2009	SILVER	7440-22-	0.005	0.00072	0.0007	mg/L	J	T	J
CMW24102009	10/22/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW25102009	10/16/2009	SODIUM	7440-23-	50	6.16	271	mg/L			
CMW25102009	10/16/2009	CALCIUM	7440-70-	0.5	0.00903	3.03	mg/L			
CMW25102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.970	mg/L			
CMW25102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	0.584	mg/L			
CMW25102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW25102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0632	mg/L			
CMW25102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0208	mg/L			
CMW25102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW25102009	10/16/2009	MANGANESE	7439-96-	0.001	0.00034	0.0146	mg/L		9	J
CMW25102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.0106	mg/L	J	T	J
CMW25102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW25102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW25102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW25102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW25102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW25102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW25102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0048	mg/L	J	T	J
CMW25102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.0045	mg/L	J	T	J
CMW25102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0041	mg/L	J	T	J
CMW25102009	10/16/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0028	mg/L	J	T	J
CMW25102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW25102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW25102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
EMW01102009	10/15/2009	SODIUM	7440-23-	500	61.6	1690	mg/L			
EMW01102009	10/15/2009	CALCIUM	7440-70-	5	0.0903	70.6	mg/L			
EMW01102009	10/15/2009	MAGNESIUM	7439-95-	0.5	0.00854	5.93	mg/L			
EMW01102009	10/15/2009	POTASSIUM	7440-09-	0.5	0.0563	5.54	mg/L			
EMW01102009	10/15/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW01102009	10/15/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0606	mg/L			
EMW01102009	10/15/2009	IRON	7439-89-	0.3	0.00965	0.0408	mg/L	J	T	J

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
EMW01102009	10/15/2009	BARIUM	7440-39-	0.003	0.00024	0.0385	mg/L			
EMW01102009	10/15/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0357	mg/L			
EMW01102009	10/15/2009	MANGANESE	7439-96-	0.001	0.00034	0.0264	mg/L		9	J
EMW01102009	10/15/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
EMW01102009	10/15/2009	ARSENIC	7440-38-	0.005	0.00443	0.0159	mg/L			
EMW01102009	10/15/2009	ZINC	7440-66-	0.01	0.00123	0.0104	mg/L			
EMW01102009	10/15/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
EMW01102009	10/15/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW01102009	10/15/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW01102009	10/15/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
EMW01102009	10/15/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
EMW01102009	10/15/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
EMW01102009	10/15/2009	THALLIUM	7440-28-	0.005	0.0026	0.0028	mg/L	J	T	J
EMW01102009	10/15/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
EMW01102009	10/15/2009	NICKEL	7440-02-	0.002	0.00071	0.0018	mg/L	J	T	J
EMW01102009	10/15/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
EMW02102009	10/16/2009	SODIUM	7440-23-	500	61.6	1460	mg/L			
EMW02102009	10/16/2009	CALCIUM	7440-70-	5	0.0903	59.5	mg/L			
EMW02102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	8.11	mg/L			
EMW02102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	2.45	mg/L			
EMW02102009	10/16/2009	ZINC	7440-66-	0.1	0.0123	0.258	mg/L			
EMW02102009	10/16/2009	MANGANESE	7439-96-	0.01	0.0034	0.220	mg/L		9	J
EMW02102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW02102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
EMW02102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.0269	mg/L	J	T	J
EMW02102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0159	mg/L			
EMW02102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
EMW02102009	10/16/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0084	mg/L			
EMW02102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW02102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
EMW02102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
EMW02102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW02102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
EMW02102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0039	mg/L	J	T	J
EMW02102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
EMW02102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
EMW02102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0010	mg/L	J	T	J
EMW02102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0010	mg/L	J	T	J
EMW02102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
EMW03102009	10/16/2009	SODIUM	7440-23-	500	61.6	1120	mg/L			
EMW03102009	10/16/2009	CALCIUM	7440-70-	5	0.0903	28.3	mg/L			
EMW03102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	3.29	mg/L			
EMW03102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.974	mg/L			
EMW03102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
EMW03102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW03102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.108	mg/L			
EMW03102009	10/16/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0280	mg/L			
EMW03102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.0226	mg/L			
EMW03102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
EMW03102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0174	mg/L			
EMW03102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
EMW03102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW03102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
EMW03102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
EMW03102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW03102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
EMW03102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
EMW03102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
EMW03102009	10/16/2009	MANGANESE	7439-96-	0.001	0.00034	0.0037	mg/L		9	J
EMW03102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L			
EMW03102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0015	mg/L	J	T	J
EMW03102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
EMW04102009	10/27/2009 8:35	SODIUM	7440-23-	500	61.6	2790	mg/L			
EMW04102009	10/27/2009 8:35	CALCIUM	7440-70-	50	0.903	164	mg/L			
EMW04102009	10/27/2009 8:35	MAGNESIUM	7439-95-	5	0.0854	23.0	mg/L		8	J
EMW04102009	10/27/2009 8:35	POTASSIUM	7440-09-	0.5	0.0563	5.86	mg/L			
EMW04102009	10/27/2009 8:35	MANGANESE	7439-96-	0.01	0.0034	0.274	mg/L			
EMW04102009	10/27/2009 8:35	NICKEL	7440-02-	0.02	0.0071	0.238	mg/L			
EMW04102009	10/27/2009 8:35	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW04102009	10/27/2009 8:35	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
EMW04102009	10/27/2009 8:35	BARIUM	7440-39-	0.003	0.00024	0.0212	mg/L			
EMW04102009	10/27/2009 8:35	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
EMW04102009	10/27/2009 8:35	IRON	7439-89-	0.3	0.00965	0.0160	mg/L	J	T	J
EMW04102009	10/27/2009 8:35	ZINC	7440-66-	0.01	0.00123	0.0133	mg/L			
EMW04102009	10/27/2009 8:35	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0109	mg/L			
EMW04102009	10/27/2009 8:35	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW04102009	10/27/2009 8:35	SELENIUM	7782-49-	0.01	0.00561	0.0059	mg/L	J	T	J
EMW04102009	10/27/2009 8:35	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	COBALT	7440-48-	0.005	0.00025	0.0032	mg/L	J	7	U
EMW04102009	10/27/2009 8:35	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
EMW04102009	10/27/2009 8:35	CHROMIUM	7440-47-	0.002	0.0005	0.0005	mg/L	J	T	J
FW31102009	10/21/2009	SODIUM	7440-23-	50	6.16	486	mg/L			
FW31102009	10/21/2009	CALCIUM	7440-70-	0.5	0.00903	5.75	mg/L			
FW31102009	10/21/2009	MAGNESIUM	7439-95-	0.5	0.00854	2.38	mg/L			
FW31102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	1.39	mg/L			
FW31102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
FW31102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0218	mg/L	J	T	J
FW31102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
FW31102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.0171	mg/L	J	T	J
FW31102009	10/21/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0136	mg/L			
FW31102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0102	mg/L			
FW31102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
FW31102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
FW31102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0053	mg/L			
FW31102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
FW31102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
FW31102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
FW31102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
FW31102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
FW31102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
FW31102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0032	mg/L	J	T	J
FW31102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
FW31102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
FW31102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
FW35102009	10/21/2009	SODIUM	7440-23-	50	6.16	470	mg/L			
FW35102009	10/21/2009	CALCIUM	7440-70-	50	0.903	237	mg/L			
FW35102009	10/21/2009	MAGNESIUM	7439-95-	5	0.0854	94.2	mg/L			
FW35102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	0.449	mg/L	J	T	J
FW35102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
FW35102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
FW35102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0736	mg/L			
FW35102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0731	mg/L			
FW35102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
FW35102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
FW35102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0181	mg/L			
FW35102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0100	mg/L			
FW35102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0066	mg/L			
FW35102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
FW35102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
FW35102009	10/21/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0050	mg/L	U		
FW35102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
FW35102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
FW35102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
FW35102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0020	mg/L	J	T	J
FW35102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
FW35102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
FW35102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
KMW09102009	10/15/2009	SODIUM	7440-23-	50	6.16	591	mg/L			
KMW09102009	10/15/2009	CALCIUM	7440-70-	50	0.903	186	mg/L			
KMW09102009	10/15/2009	MAGNESIUM	7439-95-	5	0.0854	38.7	mg/L			
KMW09102009	10/15/2009	POTASSIUM	7440-09-	5	0.563	12.1	mg/L			
KMW09102009	10/15/2009	MANGANESE	7439-96-	0.01	0.0034	0.208	mg/L		9	J
KMW09102009	10/15/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW09102009	10/15/2009	IRON	7439-89-	0.3	0.00965	0.0888	mg/L	J	T	J
KMW09102009	10/15/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
KMW09102009	10/15/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
KMW09102009	10/15/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
KMW09102009	10/15/2009	BARIUM	7440-39-	0.003	0.00024	0.0090	mg/L			
KMW09102009	10/15/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0079	mg/L			
KMW09102009	10/15/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
KMW09102009	10/15/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
KMW09102009	10/15/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW09102009	10/15/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
KMW09102009	10/15/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
KMW09102009	10/15/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
KMW09102009	10/15/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
KMW09102009	10/15/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0043	mg/L			
KMW09102009	10/15/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
KMW09102009	10/15/2009	ZINC	7440-66-	0.01	0.00123	0.0019	mg/L	J	T	J

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
KMW09102009	10/15/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
KMW10102009	10/21/2009	CALCIUM	7440-70-	50	0.903	101	mg/L			
KMW10102009	10/21/2009	SODIUM	7440-23-	5	0.616	40.7	mg/L			
KMW10102009	10/21/2009	MAGNESIUM	7439-95-	5	0.0854	24.0	mg/L			
KMW10102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	1.97	mg/L			
KMW10102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
KMW10102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW10102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
KMW10102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0207	mg/L			
KMW10102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
KMW10102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0154	mg/L			
KMW10102009	10/21/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0120	mg/L			
KMW10102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0063	mg/L	J	T	J
KMW10102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
KMW10102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
KMW10102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW10102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
KMW10102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
KMW10102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
KMW10102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
KMW10102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
KMW10102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
KMW10102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0004	mg/L	J	T	J
KMW10102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
KMW11102009	10/22/2009 9:30	Sodium	7440-23-	2	0.6	251	mg/L			
KMW11102009	10/22/2009 9:30	SODIUM	7440-23-	50	6.16	238	mg/L			
KMW11102009	10/22/2009 9:30	Calcium	7440-70-	0.1	0.03	2.8	mg/L			
KMW11102009	10/22/2009 9:30	CALCIUM	7440-70-	0.5	0.00903	2.63	mg/L			
KMW11102009	10/22/2009 9:30	Magnesium	7439-95-	0.04	0.003	1.2	mg/L			
KMW11102009	10/22/2009 9:30	MAGNESIUM	7439-95-	0.5	0.00854	1.16	mg/L			
KMW11102009	10/22/2009 9:30	Potassium	7440-09-	0.05	0.006	0.70	mg/L			
KMW11102009	10/22/2009 9:30	POTASSIUM	7440-09-	0.5	0.0563	0.651	mg/L			
KMW11102009	10/22/2009 9:30	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
KMW11102009	10/22/2009 9:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW11102009	10/22/2009 9:30	Vanadium, Metallic	7440-62-	0.005	0.0011	0.146	mg/L			
KMW11102009	10/22/2009 9:30	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.14	mg/L			
KMW11102009	10/22/2009 9:30	Iron	7439-89-	0.04	0.0136	0.059	mg/L			
KMW11102009	10/22/2009 9:30	Aluminum	7429-90-	0.02	0.001	0.053	mg/L			
KMW11102009	10/22/2009 9:30	ARSENIC	7440-38-	0.005	0.00443	0.0288	mg/L			
KMW11102009	10/22/2009 9:30	Barium	7440-39-	5E-04	0.00004	0.023	mg/L			
KMW11102009	10/22/2009 9:30	Arsenic	7440-38-	2E-04	0.00009	0.022	mg/L			
KMW11102009	10/22/2009 9:30	BARIUM	7440-39-	0.003	0.00024	0.0215	mg/L			
KMW11102009	10/22/2009 9:30	IRON	7439-89-	0.3	0.00965	0.0210	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	ALUMINUM	7429-90-	0.05	0.0158	0.0207	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
KMW11102009	10/22/2009 9:30	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
KMW11102009	10/22/2009 9:30	Zinc	7440-66-	0.02	0.0023	0.0079	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW11102009	10/22/2009 9:30	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
KMW11102009	10/22/2009 9:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
KMW11102009	10/22/2009 9:30	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
KMW11102009	10/22/2009 9:30	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
KMW11102009	10/22/2009 9:30	Manganese	7439-96-	5E-04	0.00006	0.0050	mg/L			
KMW11102009	10/22/2009 9:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0037	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	Selenium	7782-49-	0.001	0.0001	0.0035	mg/L			
KMW11102009	10/22/2009 9:30	ZINC	7440-66-	0.01	0.00123	0.0032	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	MANGANESE	7439-96-	0.001	0.00034	0.0021	mg/L			
KMW11102009	10/22/2009 9:30	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
KMW11102009	10/22/2009 9:30	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
KMW11102009	10/22/2009 9:30	Nickel	7440-02-	5E-04	0.00016	0.0013	mg/L			
KMW11102009	10/22/2009 9:30	Cobalt	7440-48-	5E-04	0.00003	0.0006	mg/L			
KMW11102009	10/22/2009 9:30	Copper	7440-50-	5E-04	0.0003	0.0006	mg/L			
KMW11102009	10/22/2009 9:30	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Thallium	7440-28-	2E-04	0.00001	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
KMW11102009	10/22/2009 9:30	Chromium	7440-47-	5E-04	0.00004	0.0001	mg/L	J	T	J
KMW12102009	10/21/2009 9:15	SODIUM	7440-23-	50	6.16	614	mg/L			
KMW12102009	10/21/2009 9:15	CALCIUM	7440-70-	50	0.903	277	mg/L			
KMW12102009	10/21/2009 9:15	MAGNESIUM	7439-95-	5	0.0854	91.8	mg/L			
KMW12102009	10/21/2009 9:15	POTASSIUM	7440-09-	5	0.563	13.8	mg/L			
KMW12102009	10/21/2009 9:15	MANGANESE	7439-96-	0.01	0.0034	0.952	mg/L			
KMW12102009	10/21/2009 9:15	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
KMW12102009	10/21/2009 9:15	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW12102009	10/21/2009 9:15	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
KMW12102009	10/21/2009 9:15	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
KMW12102009	10/21/2009 9:15	BARIUM	7440-39-	0.003	0.00024	0.0160	mg/L			
KMW12102009	10/21/2009 9:15	ZINC	7440-66-	0.01	0.00123	0.0157	mg/L			
KMW12102009	10/21/2009 9:15	NICKEL	7440-02-	0.002	0.00071	0.0114	mg/L			
KMW12102009	10/21/2009 9:15	SELENIUM	7782-49-	0.01	0.00561	0.0101	mg/L			
KMW12102009	10/21/2009 9:15	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
KMW12102009	10/21/2009 9:15	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	COBALT	7440-48-	0.005	0.00025	0.0045	mg/L	J	T	J
KMW12102009	10/21/2009 9:15	CHROMIUM	7440-47-	0.002	0.0005	0.0012	mg/L	J	T	J
KMW12102009	10/21/2009 9:15	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW01102009	10/22/2009 9:30	SODIUM	7440-23-	50	6.16	866	mg/L			
MW01102009	10/22/2009 9:30	CALCIUM	7440-70-	5	0.0903	26.2	mg/L			
MW01102009	10/22/2009 9:30	MAGNESIUM	7439-95-	0.5	0.00854	6.67	mg/L			
MW01102009	10/22/2009 9:30	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
MW01102009	10/22/2009 9:30	POTASSIUM	7440-09-	0.5	0.0563	0.276	mg/L	J	T	J
MW01102009	10/22/2009 9:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW01102009	10/22/2009 9:30	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
MW01102009	10/22/2009 9:30	ZINC	7440-66-	0.01	0.00123	0.0217	mg/L			
MW01102009	10/22/2009 9:30	SELENIUM	7782-49-	0.01	0.00561	0.0210	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW01102009	10/22/2009 9:30	BARIUM	7440-39-	0.003	0.00024	0.0140	mg/L			
MW01102009	10/22/2009 9:30	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0077	mg/L			
MW01102009	10/22/2009 9:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW01102009	10/22/2009 9:30	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	COPPER	7440-50-	0.02	0.00207	0.0026	mg/L	J	T	J
MW01102009	10/22/2009 9:30	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
MW01102009	10/22/2009 9:30	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
MW01102009	10/22/2009 9:30	MANGANESE	7439-96-	0.001	0.00034	0.0010	mg/L	U		
MW01102009	10/22/2009 9:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW02102009	10/22/2009 8:30	SODIUM	7440-23-	50	6.16	384	mg/L			
MW02102009	10/22/2009 8:30	CALCIUM	7440-70-	50	0.903	165	mg/L			
MW02102009	10/22/2009 8:30	MAGNESIUM	7439-95-	5	0.0854	41.2	mg/L			
MW02102009	10/22/2009 8:30	MANGANESE	7439-96-	0.01	0.0034	0.520	mg/L			
MW02102009	10/22/2009 8:30	POTASSIUM	7440-09-	0.5	0.0563	0.412	mg/L	J	T	J
MW02102009	10/22/2009 8:30	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
MW02102009	10/22/2009 8:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW02102009	10/22/2009 8:30	ZINC	7440-66-	0.01	0.00123	0.116	mg/L			
MW02102009	10/22/2009 8:30	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
MW02102009	10/22/2009 8:30	BARIUM	7440-39-	0.003	0.00024	0.0246	mg/L			
MW02102009	10/22/2009 8:30	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
MW02102009	10/22/2009 8:30	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
MW02102009	10/22/2009 8:30	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0084	mg/L			
MW02102009	10/22/2009 8:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW02102009	10/22/2009 8:30	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	NICKEL	7440-02-	0.002	0.00071	0.0032	mg/L			
MW02102009	10/22/2009 8:30	CHROMIUM	7440-47-	0.002	0.0005	0.0015	mg/L	J	T	J
MW02102009	10/22/2009 8:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW03102009	10/23/2009	SODIUM	7440-23-	500	61.6	1200	mg/L			
MW03102009	10/23/2009	CALCIUM	7440-70-	5	0.0903	77.0	mg/L			
MW03102009	10/23/2009	MAGNESIUM	7439-95-	5	0.0854	15.7	mg/L		8	J
MW03102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	0.514	mg/L			
MW03102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
MW03102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW03102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
MW03102009	10/23/2009	MANGANESE	7439-96-	0.001	0.00034	0.0416	mg/L			
MW03102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0293	mg/L			
MW03102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
MW03102009	10/23/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0098	mg/L			
MW03102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0094	mg/L	J	T	J
MW03102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0092	mg/L			
MW03102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW03102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW03102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW03102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW03102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW03102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW03102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0043	mg/L	J	T	J
MW03102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
MW03102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
MW03102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW18D102009	10/23/2009	SODIUM	7440-23-	500	61.6	1940	mg/L			
MW18D102009	10/23/2009	CALCIUM	7440-70-	5	0.0903	74.0	mg/L			
MW18D102009	10/23/2009	MAGNESIUM	7439-95-	5	0.0854	20.1	mg/L		8	J
MW18D102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	0.927	mg/L			
MW18D102009	10/23/2009	MANGANESE	7439-96-	0.01	0.0034	0.744	mg/L			
MW18D102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
MW18D102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW18D102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
MW18D102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
MW18D102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0166	mg/L			
MW18D102009	10/23/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0118	mg/L			
MW18D102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
MW18D102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW18D102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0058	mg/L	J	T	J
MW18D102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0052	mg/L			
MW18D102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW18D102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW18D102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW18D102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW18D102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW18D102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L			
MW18D102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW18D102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0008	mg/L	J	T	J
MW20102009	10/23/2009	SODIUM	7440-23-	500	61.6	4130	mg/L			
MW20102009	10/23/2009	CALCIUM	7440-70-	50	0.903	484	mg/L			
MW20102009	10/23/2009	MAGNESIUM	7439-95-	50	0.854	108	mg/L		8	J
MW20102009	10/23/2009	MANGANESE	7439-96-	0.1	0.034	2.67	mg/L			
MW20102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	2.63	mg/L			
MW20102009	10/23/2009	ZINC	7440-66-	0.1	0.0123	0.322	mg/L			
MW20102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
MW20102009	10/23/2009	SELENIUM	7782-49-	0.1	0.0561	0.275	mg/L			
MW20102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW20102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
MW20102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0137	mg/L			
MW20102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0091	mg/L			
MW20102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0070	mg/L			
MW20102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0050	mg/L	J	T	J
MW20102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW20102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW20102009	10/23/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0050	mg/L	U		
MW20102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW20102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW20102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0031	mg/L	J	T	J
MW20102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0028	mg/L	J	7	U
MW20102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0014	mg/L	J	T	J
MW20102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW22D102009	10/21/2009	SODIUM	7440-23-	500	61.6	1160	mg/L			
MW22D102009	10/21/2009	Sodium	7440-23-	10	3	1100	mg/L			
MW22D102009	10/21/2009	Calcium	7440-70-	0.5	0.15	83.6	mg/L			
MW22D102009	10/21/2009	CALCIUM	7440-70-	5	0.0903	69.1	mg/L			
MW22D102009	10/21/2009	Magnesium	7439-95-	0.04	0.003	15.0	mg/L			
MW22D102009	10/21/2009	MAGNESIUM	7439-95-	5	0.0854	14.7	mg/L			
MW22D102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	0.612	mg/L			
MW22D102009	10/21/2009	Potassium	7440-09-	0.05	0.006	0.31	mg/L			
MW22D102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
MW22D102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
MW22D102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW22D102009	10/21/2009	Manganese	7439-96-	5E-04	0.00006	0.098	mg/L			
MW22D102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0900	mg/L			
MW22D102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0501	mg/L			
MW22D102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
MW22D102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0486	mg/L			
MW22D102009	10/21/2009	Selenium	7782-49-	0.001	0.0001	0.041	mg/L			
MW22D102009	10/21/2009	Iron	7439-89-	0.04	0.0136	0.020	mg/L	J	T	J
MW22D102009	10/21/2009	Zinc	7440-66-	0.02	0.0023	0.020	mg/L			
MW22D102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
MW22D102009	10/21/2009	Aluminum	7429-90-	0.02	0.001	0.018	mg/L	J	T	J
MW22D102009	10/21/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0091	mg/L			
MW22D102009	10/21/2009	Barium	7440-39-	5E-04	0.00004	0.0091	mg/L			
MW22D102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0080	mg/L			
MW22D102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW22D102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW22D102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW22D102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW22D102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0048	mg/L	J	T	J
MW22D102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0042	mg/L	J	T	J
MW22D102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0022	mg/L			
MW22D102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
MW22D102009	10/21/2009	Nickel	7440-02-	5E-04	0.00016	0.0014	mg/L			
MW22D102009	10/21/2009	Copper	7440-50-	5E-04	0.0003	0.0009	mg/L			
MW22D102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0009	mg/L	J	T	J
MW22D102009	10/21/2009	Cobalt	7440-48-	5E-04	0.00003	0.0008	mg/L			
MW22D102009	10/21/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.0006	mg/L			
MW22D102009	10/21/2009	Arsenic	7440-38-	2E-04	0.00009	0.0005	mg/L			
MW22D102009	10/21/2009	Lead	7439-92-	2E-04	0.00011	0.0003	mg/L			
MW22D102009	10/21/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
MW22D102009	10/21/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U	8	UJ
MW22D102009	10/21/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
MW22D102009	10/21/2009	Chromium	7440-47-	5E-04	0.00004	0.0001	mg/L	J	T	J
MW22D102009	10/21/2009	Thallium	7440-28-	2E-04	0.00001	0.0001	mg/L	J	T	J
MW22D102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
MW22D102009	10/21/2009	Cadmium	7440-43-	2E-04	0.00002	0.0000	mg/L	J	T	J
MW22S102009	10/20/2009 8:30	SODIUM	7440-23-	50	6.16	959	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW22S102009	10/20/2009 8:30	CALCIUM	7440-70-	50	0.903	77.0	mg/L			
MW22S102009	10/20/2009 8:30	MAGNESIUM	7439-95-	5	0.0854	24.1	mg/L			
MW22S102009	10/20/2009 8:30	POTASSIUM	7440-09-	0.5	0.0563	0.516	mg/L			
MW22S102009	10/20/2009 8:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW22S102009	10/20/2009 8:30	MANGANESE	7439-96-	0.001	0.00034	0.0701	mg/L		9	J
MW22S102009	10/20/2009 8:30	SELENIUM	7782-49-	0.01	0.00561	0.0570	mg/L			
MW22S102009	10/20/2009 8:30	ALUMINUM	7429-90-	0.05	0.0158	0.0536	mg/L			
MW22S102009	10/20/2009 8:30	IRON	7439-89-	0.3	0.00965	0.0208	mg/L	J	T	J
MW22S102009	10/20/2009 8:30	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
MW22S102009	10/20/2009 8:30	BARIUM	7440-39-	0.003	0.00024	0.0186	mg/L			
MW22S102009	10/20/2009 8:30	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0100	mg/L			
MW22S102009	10/20/2009 8:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW22S102009	10/20/2009 8:30	ZINC	7440-66-	0.01	0.00123	0.0057	mg/L	J	T	J
MW22S102009	10/20/2009 8:30	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	NICKEL	7440-02-	0.002	0.00071	0.0030	mg/L			
MW22S102009	10/20/2009 8:30	CHROMIUM	7440-47-	0.002	0.0005	0.0025	mg/L			
MW22S102009	10/20/2009 8:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
SMW01102009	10/24/2009	SODIUM	7440-23-	50	6.16	440	mg/L			
SMW01102009	10/24/2009	CALCIUM	7440-70-	5	0.0903	22.5	mg/L			
SMW01102009	10/24/2009	MAGNESIUM	7439-95-	0.5	0.00854	7.17	mg/L		8	J
SMW01102009	10/24/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
SMW01102009	10/24/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
SMW01102009	10/24/2009	POTASSIUM	7440-09-	0.5	0.0563	0.0784	mg/L	J	T	J
SMW01102009	10/24/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
SMW01102009	10/24/2009	MANGANESE	7439-96-	0.001	0.00034	0.0465	mg/L			
SMW01102009	10/24/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
SMW01102009	10/24/2009	BARIUM	7440-39-	0.003	0.00024	0.0146	mg/L			
SMW01102009	10/24/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
SMW01102009	10/24/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0073	mg/L			
SMW01102009	10/24/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
SMW01102009	10/24/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
SMW01102009	10/24/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
SMW01102009	10/24/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
SMW01102009	10/24/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
SMW01102009	10/24/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
SMW01102009	10/24/2009	ZINC	7440-66-	0.01	0.00123	0.0037	mg/L	J	T	J
SMW01102009	10/24/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
SMW01102009	10/24/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
SMW01102009	10/24/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
SMW01102009	10/24/2009	CADMIUM	7440-43-	0.005	0.00043	0.0008	mg/L	J	T	J
TMW01102009	10/14/2009	SODIUM	7440-23-	50	6.16	555	mg/L			
TMW01102009	10/14/2009	CALCIUM	7440-70-	50	0.903	97.9	mg/L			
TMW01102009	10/14/2009	MAGNESIUM	7439-95-	5	0.0854	19.0	mg/L			
TMW01102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	0.466	mg/L	J	T	J
TMW01102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW01102009	10/14/2009	IRON	7439-89-	0.3	0.00965	0.118	mg/L	J	T	J

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW01102009	10/14/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0203	mg/L			
TMW01102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0158	mg/L	J	T	J
TMW01102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0116	mg/L			
TMW01102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0114	mg/L			
TMW01102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0103	mg/L	J	T	J
TMW01102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0088	mg/L			
TMW01102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.0087	mg/L	J	T	J
TMW01102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0063	mg/L		9	J
TMW01102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW01102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW01102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW01102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW01102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW01102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW01102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0043	mg/L	J	T	J
TMW01102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW01102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0007	mg/L	J	T	J
TMW02102009	10/14/2009	SODIUM	7440-23-	50	6.16	921	mg/L			
TMW02102009	10/14/2009	CALCIUM	7440-70-	5	0.0903	19.2	mg/L			
TMW02102009	10/14/2009	MAGNESIUM	7439-95-	0.5	0.00854	2.78	mg/L			
TMW02102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	1.45	mg/L			
TMW02102009	10/14/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW02102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW02102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.0908	mg/L			
TMW02102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW02102009	10/14/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0489	mg/L			
TMW02102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW02102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0083	mg/L			
TMW02102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0074	mg/L			
TMW02102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW02102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW02102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW02102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW02102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW02102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW02102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0049	mg/L	J	T	J
TMW02102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0021	mg/L		9	J
TMW02102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0019	mg/L	J	T	J
TMW02102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0007	mg/L	J	T	J
TMW02102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
TMW03102009	10/14/2009	SODIUM	7440-23-	50	6.16	912	mg/L			
TMW03102009	10/14/2009	CALCIUM	7440-70-	5	0.0903	45.3	mg/L			
TMW03102009	10/14/2009	MAGNESIUM	7439-95-	5	0.0854	11.4	mg/L			
TMW03102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	0.534	mg/L			
TMW03102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW03102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.0731	mg/L			
TMW03102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0570	mg/L		9	J
TMW03102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW03102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0363	mg/L			
TMW03102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW03102009	10/14/2009	IRON	7439-89-	0.3	0.00965	0.0164	mg/L	J	T	J

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW03102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0144	mg/L			
TMW03102009	10/14/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0086	mg/L			
TMW03102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0083	mg/L			
TMW03102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW03102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW03102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW03102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW03102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW03102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0033	mg/L	J	T	J
TMW03102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW03102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW03102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
TMW04102009	10/14/2009	SODIUM	7440-23-	50	6.16	862	mg/L			
TMW04102009	10/14/2009	CALCIUM	7440-70-	5	0.0903	26.6	mg/L			
TMW04102009	10/14/2009	MAGNESIUM	7439-95-	0.5	0.00854	6.00	mg/L			
TMW04102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	0.849	mg/L			
TMW04102009	10/14/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW04102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW04102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.100	mg/L			
TMW04102009	10/14/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0213	mg/L			
TMW04102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW04102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0178	mg/L	J	T	J
TMW04102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0087	mg/L			
TMW04102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0066	mg/L			
TMW04102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0061	mg/L	J	T	J
TMW04102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW04102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW04102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW04102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW04102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW04102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW04102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0028	mg/L		9	J
TMW04102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW04102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0007	mg/L	J	T	J
TMW04102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW06102009	10/17/2009	SODIUM	7440-23-	500	61.6	1080	mg/L			
TMW06102009	10/17/2009	CALCIUM	7440-70-	5	0.0903	52.3	mg/L			
TMW06102009	10/17/2009	MAGNESIUM	7439-95-	5	0.0854	13.7	mg/L			
TMW06102009	10/17/2009	POTASSIUM	7440-09-	0.5	0.0563	0.514	mg/L			
TMW06102009	10/17/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW06102009	10/17/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW06102009	10/17/2009	MANGANESE	7439-96-	0.001	0.00034	0.0408	mg/L		9	J
TMW06102009	10/17/2009	IRON	7439-89-	0.3	0.00965	0.0340	mg/L	J	T	J
TMW06102009	10/17/2009	BARIUM	7440-39-	0.003	0.00024	0.0204	mg/L			
TMW06102009	10/17/2009	SELENIUM	7782-49-	0.01	0.00561	0.0152	mg/L			
TMW06102009	10/17/2009	COPPER	7440-50-	0.02	0.00207	0.0133	mg/L	J	T	J
TMW06102009	10/17/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0101	mg/L			
TMW06102009	10/17/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW06102009	10/17/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW06102009	10/17/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW06102009	10/17/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW06102009	10/17/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW06102009	10/17/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW06102009	10/17/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW06102009	10/17/2009	ZINC	7440-66-	0.01	0.00123	0.0040	mg/L	J	T	J
TMW06102009	10/17/2009	NICKEL	7440-02-	0.002	0.00071	0.0039	mg/L			
TMW06102009	10/17/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW06102009	10/17/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
TMW07102009	10/20/2009 8:40	SODIUM	7440-23-	500	61.6	1250	mg/L			
TMW07102009	10/20/2009 8:40	CALCIUM	7440-70-	5	0.0903	54.6	mg/L			
TMW07102009	10/20/2009 8:40	MAGNESIUM	7439-95-	0.5	0.00854	10.9	mg/L			
TMW07102009	10/20/2009 8:40	POTASSIUM	7440-09-	0.5	0.0563	2.96	mg/L			
TMW07102009	10/20/2009 8:40	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW07102009	10/20/2009 8:40	MANGANESE	7439-96-	0.001	0.00034	0.249	mg/L			
TMW07102009	10/20/2009 8:40	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW07102009	10/20/2009 8:40	ALUMINUM	7429-90-	0.05	0.0158	0.0184	mg/L	J	T	J
TMW07102009	10/20/2009 8:40	BARIUM	7440-39-	0.003	0.00024	0.0141	mg/L			
TMW07102009	10/20/2009 8:40	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0118	mg/L			
TMW07102009	10/20/2009 8:40	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW07102009	10/20/2009 8:40	ARSENIC	7440-38-	0.005	0.00443	0.0082	mg/L			
TMW07102009	10/20/2009 8:40	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW07102009	10/20/2009 8:40	ZINC	7440-66-	0.01	0.00123	0.0052	mg/L	J	T	J
TMW07102009	10/20/2009 8:40	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	COPPER	7440-50-	0.02	0.00207	0.0027	mg/L	J	T	J
TMW07102009	10/20/2009 8:40	NICKEL	7440-02-	0.002	0.00071	0.0026	mg/L			
TMW07102009	10/20/2009 8:40	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW07102009	10/20/2009 8:40	CADMIUM	7440-43-	0.005	0.00043	0.0008	mg/L	J	T	J
TMW07102009	10/20/2009 8:40	CHROMIUM	7440-47-	0.002	0.0005	0.0006	mg/L	J	T	J
TMW08102009	10/17/2009	SODIUM	7440-23-	500	61.6	3660	mg/L			
TMW08102009	10/17/2009	CALCIUM	7440-70-	50	0.903	282	mg/L			
TMW08102009	10/17/2009	MAGNESIUM	7439-95-	5	0.0854	84.9	mg/L			
TMW08102009	10/17/2009	POTASSIUM	7440-09-	0.5	0.0563	3.53	mg/L			
TMW08102009	10/17/2009	MANGANESE	7439-96-	0.01	0.0034	0.384	mg/L		9	J
TMW08102009	10/17/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW08102009	10/17/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW08102009	10/17/2009	IRON	7439-89-	0.3	0.00965	0.0382	mg/L	J	T	J
TMW08102009	10/17/2009	SELENIUM	7782-49-	0.01	0.00561	0.0278	mg/L			
TMW08102009	10/17/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW08102009	10/17/2009	ZINC	7440-66-	0.01	0.00123	0.0131	mg/L			
TMW08102009	10/17/2009	BARIUM	7440-39-	0.003	0.00024	0.0077	mg/L			
TMW08102009	10/17/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW08102009	10/17/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW08102009	10/17/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW08102009	10/17/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0050	mg/L	U		
TMW08102009	10/17/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW08102009	10/17/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW08102009	10/17/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW08102009	10/17/2009	LEAD	7439-92-	0.005	0.00183	0.0044	mg/L	J	T	J
TMW08102009	10/17/2009	NICKEL	7440-02-	0.002	0.00071	0.0038	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW08102009	10/17/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0012	mg/L	J	T	J
TMW08102009	10/17/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW10102009	10/19/2009	SODIUM	7440-23-	500	61.6	1020	mg/L			
TMW10102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	45.7	mg/L			
TMW10102009	10/19/2009	MAGNESIUM	7439-95-	5	0.0854	14.0	mg/L			
TMW10102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	0.562	mg/L			
TMW10102009	10/19/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW10102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW10102009	10/19/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0162	mg/L	J	T	J
TMW10102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0153	mg/L	J	T	J
TMW10102009	10/19/2009	BARIUM	7440-39-	0.003	0.00024	0.0130	mg/L			
TMW10102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0093	mg/L	J	T	J
TMW10102009	10/19/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0089	mg/L			
TMW10102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW10102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW10102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW10102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW10102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW10102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW10102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW10102009	10/19/2009	ZINC	7440-66-	0.01	0.00123	0.0027	mg/L	J	T	J
TMW10102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW10102009	10/19/2009	MANGANESE	7439-96-	0.001	0.00034	0.0013	mg/L		9	J
TMW10102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0005	mg/L	J	T	J
TMW10102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW11102009	10/20/2009	SODIUM	7440-23-	50	6.16	493	mg/L			
TMW11102009	10/20/2009	CALCIUM	7440-70-	5	0.0903	14.5	mg/L			
TMW11102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	3.03	mg/L			
TMW11102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	0.521	mg/L			
TMW11102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW11102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW11102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW11102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW11102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0196	mg/L			
TMW11102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0180	mg/L			
TMW11102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0157	mg/L			
TMW11102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW11102009	10/20/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0056	mg/L			
TMW11102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW11102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW11102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW11102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW11102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW11102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW11102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0025	mg/L	J	T	J
TMW11102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW11102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW11102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW13102009	10/22/2009	SODIUM	7440-23-	50	6.16	565	mg/L			
TMW13102009	10/22/2009	CALCIUM	7440-70-	5	0.0903	27.0	mg/L			
TMW13102009	10/22/2009	MAGNESIUM	7439-95-	0.5	0.00854	5.15	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW13102009	10/22/2009	POTASSIUM	7440-09-	0.5	0.0563	0.427	mg/L	J	T	J
TMW13102009	10/22/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW13102009	10/22/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW13102009	10/22/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW13102009	10/22/2009	BARIUM	7440-39-	0.003	0.00024	0.0150	mg/L			
TMW13102009	10/22/2009	SELENIUM	7782-49-	0.01	0.00561	0.0089	mg/L	J	T	J
TMW13102009	10/22/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0083	mg/L			
TMW13102009	10/22/2009	ARSENIC	7440-38-	0.005	0.00443	0.0066	mg/L			
TMW13102009	10/22/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW13102009	10/22/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW13102009	10/22/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW13102009	10/22/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW13102009	10/22/2009	COPPER	7440-50-	0.02	0.00207	0.0028	mg/L	J	T	J
TMW13102009	10/22/2009	THALLIUM	7440-28-	0.005	0.0026	0.0026	mg/L	J	T	J
TMW13102009	10/22/2009	ZINC	7440-66-	0.01	0.00123	0.0020	mg/L	J	T	J
TMW13102009	10/22/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW13102009	10/22/2009	CADMIUM	7440-43-	0.005	0.00043	0.0012	mg/L	J	T	J
TMW13102009	10/22/2009	MANGANESE	7439-96-	0.001	0.00034	0.0010	mg/L	U		
TMW13102009	10/22/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0007	mg/L	J	T	J
TMW13102009	10/22/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW14A10200	10/27/2009	SODIUM	7440-23-	50	6.16	461	mg/L			
TMW14A10200	10/27/2009	Sodium	7440-23-	2.5	0.75	437	mg/L			
TMW14A10200	10/27/2009	CALCIUM	7440-70-	0.5	0.00903	3.84	mg/L			
TMW14A10200	10/27/2009	Calcium	7440-70-	0.1	0.03	3.6	mg/L			
TMW14A10200	10/27/2009	POTASSIUM	7440-09-	0.5	0.0563	0.572	mg/L			
TMW14A10200	10/27/2009	Potassium	7440-09-	0.05	0.006	0.51	mg/L			
TMW14A10200	10/27/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.422	mg/L	J	8,T	J
TMW14A10200	10/27/2009	Magnesium	7439-95-	0.04	0.003	0.41	mg/L			
TMW14A10200	10/27/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW14A10200	10/27/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW14A10200	10/27/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.11	ug/L	J	8,T	J
TMW14A10200	10/27/2009	Aluminum	7429-90-	0.02	0.001	0.057	mg/L			
TMW14A10200	10/27/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW14A10200	10/27/2009	Iron	7439-89-	0.04	0.0136	0.040	mg/L			
TMW14A10200	10/27/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW14A10200	10/27/2009	Barium	7440-39-	5E-04	0.00004	0.019	mg/L			
TMW14A10200	10/27/2009	BARIUM	7440-39-	0.003	0.00024	0.0153	mg/L			
TMW14A10200	10/27/2009	Manganese	7439-96-	5E-04	0.00006	0.015	mg/L			
TMW14A10200	10/27/2009	MANGANESE	7439-96-	0.001	0.00034	0.0102	mg/L			
TMW14A10200	10/27/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW14A10200	10/27/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW14A10200	10/27/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW14A10200	10/27/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW14A10200	10/27/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW14A10200	10/27/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW14A10200	10/27/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW14A10200	10/27/2009	Zinc	7440-66-	0.02	0.0023	0.0048	mg/L	J	T	J
TMW14A10200	10/27/2009	THALLIUM	7440-28-	0.005	0.0026	0.0031	mg/L	J	T	J
TMW14A10200	10/27/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0027	mg/L	J	T	J
TMW14A10200	10/27/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW14A10200	10/27/2009	NICKEL	7440-02-	0.002	0.00071	0.0017	mg/L	J	T	J

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW14A10200	10/27/2009	ZINC	7440-66-	0.01	0.00123	0.0016	mg/L	J	T	J
TMW14A10200	10/27/2009	Copper	7440-50-	5E-04	0.0003	0.0011	mg/L			
TMW14A10200	10/27/2009	Selenium	7782-49-	0.001	0.0001	0.001	mg/L	U		
TMW14A10200	10/27/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW14A10200	10/27/2009	Arsenic	7440-38-	2E-04	0.00009	0.0008	mg/L			
TMW14A10200	10/27/2009	Nickel	7440-02-	5E-04	0.00016	0.0006	mg/L			
TMW14A10200	10/27/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.0002	mg/L	J	T	J
TMW14A10200	10/27/2009	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Thallium	7440-28-	2E-04	0.00001	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Cobalt	7440-48-	5E-04	0.00003	0.0001	mg/L	J	T	J
TMW14A10200	10/27/2009	Chromium	7440-47-	5E-04	0.00004	0.0000	mg/L	J	T	J
TMW15102009	10/26/2009	SODIUM	7440-23-	50	6.16	575	mg/L			
TMW15102009	10/26/2009	Sodium	7440-23-	4	1.2	544	mg/L			
TMW15102009	10/26/2009	Calcium	7440-70-	0.1	0.03	21.5	mg/L			
TMW15102009	10/26/2009	CALCIUM	7440-70-	5	0.0903	18.0	mg/L			
TMW15102009	10/26/2009	Magnesium	7439-95-	0.04	0.003	3.8	mg/L			
TMW15102009	10/26/2009	MAGNESIUM	7439-95-	0.5	0.00854	3.27	mg/L		8	J
TMW15102009	10/26/2009	POTASSIUM	7440-09-	0.5	0.0563	0.436	mg/L	J	T	J
TMW15102009	10/26/2009	Potassium	7440-09-	0.05	0.006	0.40	mg/L			
TMW15102009	10/26/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW15102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
TMW15102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW15102009	10/26/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW15102009	10/26/2009	Iron	7439-89-	0.04	0.0136	0.040	mg/L	U		
TMW15102009	10/26/2009	Zinc	7440-66-	0.02	0.0023	0.037	mg/L			
TMW15102009	10/26/2009	Aluminum	7429-90-	0.02	0.001	0.032	mg/L			
TMW15102009	10/26/2009	ZINC	7440-66-	0.01	0.00123	0.0273	mg/L			
TMW15102009	10/26/2009	Barium	7440-39-	5E-04	0.00004	0.023	mg/L			
TMW15102009	10/26/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW15102009	10/26/2009	BARIUM	7440-39-	0.003	0.00024	0.0193	mg/L			
TMW15102009	10/26/2009	Selenium	7782-49-	0.001	0.0001	0.011	mg/L			
TMW15102009	10/26/2009	SELENIUM	7782-49-	0.01	0.00561	0.0078	mg/L	J	T	J
TMW15102009	10/26/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0060	mg/L			
TMW15102009	10/26/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW15102009	10/26/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW15102009	10/26/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW15102009	10/26/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW15102009	10/26/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW15102009	10/26/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW15102009	10/26/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW15102009	10/26/2009	Manganese	7439-96-	5E-04	0.00006	0.0032	mg/L			
TMW15102009	10/26/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW15102009	10/26/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW15102009	10/26/2009	MANGANESE	7439-96-	0.001	0.00034	0.0019	mg/L			
TMW15102009	10/26/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.0018	mg/L			
TMW15102009	10/26/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW15102009	10/26/2009	Chromium	7440-47-	5E-04	0.00004	0.0007	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW15102009	10/26/2009	Copper	7440-50-	5E-04	0.0003	0.0005	mg/L			
TMW15102009	10/26/2009	Cobalt	7440-48-	5E-04	0.00003	0.0005	mg/L	U		
TMW15102009	10/26/2009	Nickel	7440-02-	5E-04	0.00016	0.0004	mg/L	J	T	J
TMW15102009	10/26/2009	Arsenic	7440-38-	2E-04	0.00009	0.0002	mg/L			
TMW15102009	10/26/2009	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
TMW15102009	10/26/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
TMW15102009	10/26/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
TMW15102009	10/26/2009	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
TMW15102009	10/26/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
TMW15102009	10/26/2009	Thallium	7440-28-	2E-04	0.00001	0.0002	mg/L	U		
TMW16102009	10/20/2009	SODIUM	7440-23-	50	6.16	405	mg/L			
TMW16102009	10/20/2009	CALCIUM	7440-70-	0.5	0.00903	4.06	mg/L			
TMW16102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	0.628	mg/L			
TMW16102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.436	mg/L	J	T	J
TMW16102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW16102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0999	mg/L			
TMW16102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.0430	mg/L	J	T	J
TMW16102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW16102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0159	mg/L			
TMW16102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0149	mg/L			
TMW16102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW16102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW16102009	10/20/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0060	mg/L			
TMW16102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW16102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW16102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW16102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW16102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW16102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW16102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0044	mg/L	J	T	J
TMW16102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0028	mg/L			
TMW16102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW16102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW17102009	10/23/2009	SODIUM	7440-23-	50	6.16	384	mg/L			
TMW17102009	10/23/2009	CALCIUM	7440-70-	0.5	0.00903	3.10	mg/L			
TMW17102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	0.759	mg/L			
TMW17102009	10/23/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.409	mg/L	J	8,T	J
TMW17102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW17102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.104	mg/L			
TMW17102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.0563	mg/L	J	T	J
TMW17102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW17102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0114	mg/L			
TMW17102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW17102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0096	mg/L	J	T	J
TMW17102009	10/23/2009	MANGANESE	7439-96-	0.001	0.00034	0.0060	mg/L			
TMW17102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW17102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW17102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW17102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW17102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW17102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW17102009	10/23/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0033	mg/L	J	T	J
TMW17102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0020	mg/L	J	T	J
TMW17102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW17102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW17102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW18102009	10/23/2009	SODIUM	7440-23-	50	6.16	670	mg/L			
TMW18102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	5.50	mg/L			
TMW18102009	10/23/2009	CALCIUM	7440-70-	0.5	0.00903	5.36	mg/L			
TMW18102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW18102009	10/23/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.240	mg/L	J	8,T	J
TMW18102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW18102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.100	mg/L			
TMW18102009	10/23/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0255	mg/L			
TMW18102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW18102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0153	mg/L			
TMW18102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW18102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW18102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW18102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW18102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW18102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW18102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW18102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW18102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0034	mg/L	J	T	J
TMW18102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW18102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0019	mg/L	J	T	J
TMW18102009	10/23/2009	MANGANESE	7439-96-	0.001	0.00034	0.0012	mg/L			
TMW18102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW19102009	10/23/2009 9:00	SODIUM	7440-23-	50	6.16	689	mg/L			
TMW19102009	10/23/2009 9:00	CALCIUM	7440-70-	0.5	0.00903	9.48	mg/L			
TMW19102009	10/23/2009 9:00	POTASSIUM	7440-09-	0.5	0.0563	1.17	mg/L			
TMW19102009	10/23/2009 9:00	MAGNESIUM	7439-95-	0.5	0.00854	1.10	mg/L		8	J
TMW19102009	10/23/2009 9:00	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW19102009	10/23/2009 9:00	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW19102009	10/23/2009 9:00	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW19102009	10/23/2009 9:00	MANGANESE	7439-96-	0.001	0.00034	0.0304	mg/L			
TMW19102009	10/23/2009 9:00	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW19102009	10/23/2009 9:00	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW19102009	10/23/2009 9:00	BARIUM	7440-39-	0.003	0.00024	0.0099	mg/L			
TMW19102009	10/23/2009 9:00	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0076	mg/L			
TMW19102009	10/23/2009 9:00	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW19102009	10/23/2009 9:00	ZINC	7440-66-	0.01	0.00123	0.0051	mg/L	J	T	J
TMW19102009	10/23/2009 9:00	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW19102009	10/23/2009 9:00	NICKEL	7440-02-	0.002	0.00071	0.0017	mg/L	J	T	J
TMW19102009	10/23/2009 9:00	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW21102009	10/24/2009	SODIUM	7440-23-	50	6.16	655	mg/L			
TMW21102009	10/24/2009	CALCIUM	7440-70-	5	0.0903	32.5	mg/L			
TMW21102009	10/24/2009	MAGNESIUM	7439-95-	0.5	0.00854	7.26	mg/L		8	J
TMW21102009	10/24/2009	POTASSIUM	7440-09-	0.5	0.0563	0.632	mg/L			
TMW21102009	10/24/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW21102009	10/24/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW21102009	10/24/2009	MANGANESE	7439-96-	0.001	0.00034	0.125	mg/L			
TMW21102009	10/24/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW21102009	10/24/2009	COPPER	7440-50-	0.02	0.00207	0.0206	mg/L			
TMW21102009	10/24/2009	BARIUM	7440-39-	0.003	0.00024	0.0201	mg/L			
TMW21102009	10/24/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW21102009	10/24/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0089	mg/L			
TMW21102009	10/24/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW21102009	10/24/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW21102009	10/24/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW21102009	10/24/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW21102009	10/24/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW21102009	10/24/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW21102009	10/24/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW21102009	10/24/2009	ZINC	7440-66-	0.01	0.00123	0.0022	mg/L	J	T	J
TMW21102009	10/24/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW21102009	10/24/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW21102009	10/24/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW22102009	10/19/2009 9:00	SODIUM	7440-23-	50	6.16	833	mg/L			
TMW22102009	10/19/2009 9:00	CALCIUM	7440-70-	5	0.0903	28.0	mg/L			
TMW22102009	10/19/2009 9:00	MAGNESIUM	7439-95-	5	0.0854	10.2	mg/L			
TMW22102009	10/19/2009 9:00	POTASSIUM	7440-09-	0.5	0.0563	1.04	mg/L			
TMW22102009	10/19/2009 9:00	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW22102009	10/19/2009 9:00	ALUMINUM	7429-90-	0.05	0.0158	0.167	mg/L			
TMW22102009	10/19/2009 9:00	IRON	7439-89-	0.3	0.00965	0.0806	mg/L	J	T	J
TMW22102009	10/19/2009 9:00	MANGANESE	7439-96-	0.001	0.00034	0.0568	mg/L		9	J
TMW22102009	10/19/2009 9:00	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW22102009	10/19/2009 9:00	BARIUM	7440-39-	0.003	0.00024	0.0199	mg/L			
TMW22102009	10/19/2009 9:00	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0122	mg/L			
TMW22102009	10/19/2009 9:00	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW22102009	10/19/2009 9:00	ZINC	7440-66-	0.01	0.00123	0.0066	mg/L	J	T	J
TMW22102009	10/19/2009 9:00	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW22102009	10/19/2009 9:00	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	ARSENIC	7440-38-	0.005	0.00443	0.0049	mg/L	J	T	J
TMW22102009	10/19/2009 9:00	NICKEL	7440-02-	0.002	0.00071	0.0021	mg/L			
TMW22102009	10/19/2009 9:00	CHROMIUM	7440-47-	0.002	0.0005	0.0009	mg/L	J	T	J
TMW22102009	10/19/2009 9:00	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW23102009	10/19/2009	SODIUM	7440-23-	50	6.16	765	mg/L			
TMW23102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	16.4	mg/L			
TMW23102009	10/19/2009	MAGNESIUM	7439-95-	0.5	0.00854	4.89	mg/L			
TMW23102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	0.529	mg/L			
TMW23102009	10/19/2009	ALUMINUM	7429-90-	0.05	0.0158	0.444	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW23102009	10/19/2009	IRON	7439-89-	0.3	0.00965	0.215	mg/L	J	T	J
TMW23102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW23102009	10/19/2009	BARIUM	7440-39-	0.003	0.00024	0.0243	mg/L			
TMW23102009	10/19/2009	MANGANESE	7439-96-	0.001	0.00034	0.0232	mg/L		9	J
TMW23102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW23102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW23102009	10/19/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0094	mg/L			
TMW23102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW23102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW23102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW23102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW23102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW23102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW23102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW23102009	10/19/2009	ZINC	7440-66-	0.01	0.00123	0.0040	mg/L	J	T	J
TMW23102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0023	mg/L			
TMW23102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW23102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW24102009	10/19/2009	SODIUM	7440-23-	50	6.16	888	mg/L			
TMW24102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	26.4	mg/L			
TMW24102009	10/19/2009	MAGNESIUM	7439-95-	0.5	0.00854	8.08	mg/L			
TMW24102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	0.463	mg/L	J	T	J
TMW24102009	10/19/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW24102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW24102009	10/19/2009	MANGANESE	7439-96-	0.001	0.00034	0.143	mg/L		9	J
TMW24102009	10/19/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW24102009	10/19/2009	BARIUM	7440-39-	0.003	0.00024	0.0360	mg/L			
TMW24102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW24102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW24102009	10/19/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0091	mg/L			
TMW24102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW24102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0056	mg/L			
TMW24102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW24102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW24102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW24102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW24102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW24102009	10/19/2009	ZINC	7440-66-	0.01	0.00123	0.0036	mg/L	J	T	J
TMW24102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0019	mg/L	J	T	J
TMW24102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0019	mg/L	J	T	J
TMW24102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW25102009	10/23/2009	SODIUM	7440-23-	50	6.16	876	mg/L			
TMW25102009	10/23/2009	CALCIUM	7440-70-	5	0.0903	58.2	mg/L			
TMW25102009	10/23/2009	MAGNESIUM	7439-95-	5	0.0854	12.5	mg/L		8	J
TMW25102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW25102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	0.262	mg/L	J	T	J
TMW25102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW25102009	10/23/2009	MANGANESE	7439-96-	0.001	0.00034	0.0982	mg/L			
TMW25102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW25102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW25102009	10/23/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0109	mg/L			

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW25102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0103	mg/L			
TMW25102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW25102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0091	mg/L	J	T	J
TMW25102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW25102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW25102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW25102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW25102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW25102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW25102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW25102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW25102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW25102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0005	mg/L	J	T	J
TMW26102009	10/17/2009	SODIUM	7440-23-	50	6.16	802	mg/L			
TMW26102009	10/17/2009	CALCIUM	7440-70-	5	0.0903	16.0	mg/L			
TMW26102009	10/17/2009	MAGNESIUM	7439-95-	0.5	0.00854	7.35	mg/L			
TMW26102009	10/17/2009	POTASSIUM	7440-09-	0.5	0.0563	0.481	mg/L	J	T	J
TMW26102009	10/17/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW26102009	10/17/2009	MANGANESE	7439-96-	0.001	0.00034	0.0940	mg/L		9	J
TMW26102009	10/17/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0770	mg/L			
TMW26102009	10/17/2009	IRON	7439-89-	0.3	0.00965	0.0219	mg/L	J	T	J
TMW26102009	10/17/2009	BARIUM	7440-39-	0.003	0.00024	0.0163	mg/L			
TMW26102009	10/17/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0103	mg/L			
TMW26102009	10/17/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW26102009	10/17/2009	ZINC	7440-66-	0.01	0.00123	0.0077	mg/L	J	T	J
TMW26102009	10/17/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW26102009	10/17/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW26102009	10/17/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW26102009	10/17/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW26102009	10/17/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW26102009	10/17/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW26102009	10/17/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW26102009	10/17/2009	NICKEL	7440-02-	0.002	0.00071	0.0036	mg/L			
TMW26102009	10/17/2009	COPPER	7440-50-	0.02	0.00207	0.0021	mg/L	J	T	J
TMW26102009	10/17/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW26102009	10/17/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW27102009	10/24/2009	SODIUM	7440-23-	50	6.16	338	mg/L			
TMW27102009	10/24/2009	CALCIUM	7440-70-	5	0.0903	24.3	mg/L			
TMW27102009	10/24/2009	MAGNESIUM	7439-95-	0.5	0.00854	6.42	mg/L		8	J
TMW27102009	10/24/2009	MANGANESE	7439-96-	0.01	0.0034	0.536	mg/L			
TMW27102009	10/24/2009	POTASSIUM	7440-09-	0.5	0.0563	0.456	mg/L	J	T	J
TMW27102009	10/24/2009	IRON	7439-89-	0.3	0.00965	0.300	mg/L	U		
TMW27102009	10/24/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.144	ug/L	J	T	J
TMW27102009	10/24/2009	BARIUM	7440-39-	0.003	0.00024	0.104	mg/L			
TMW27102009	10/24/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW27102009	10/24/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW27102009	10/24/2009	ARSENIC	7440-38-	0.005	0.00443	0.0193	mg/L			
TMW27102009	10/24/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW27102009	10/24/2009	ZINC	7440-66-	0.01	0.00123	0.0082	mg/L	J	T	J
TMW27102009	10/24/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW27102009	10/24/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW27102009	10/24/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW27102009	10/24/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW27102009	10/24/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW27102009	10/24/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW27102009	10/24/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0049	mg/L	J	T	J
TMW27102009	10/24/2009	NICKEL	7440-02-	0.002	0.00071	0.0022	mg/L			
TMW27102009	10/24/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW27102009	10/24/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW28102009	10/19/2009	SODIUM	7440-23-	50	6.16	299	mg/L			
TMW28102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	42.7	mg/L			
TMW28102009	10/19/2009	MAGNESIUM	7439-95-	5	0.0854	14.0	mg/L			
TMW28102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	1.03	mg/L			
TMW28102009	10/19/2009	MANGANESE	7439-96-	0.01	0.0034	0.219	mg/L		9	J
TMW28102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW28102009	10/19/2009	IRON	7439-89-	0.3	0.00965	0.0897	mg/L	J	T	J
TMW28102009	10/19/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW28102009	10/19/2009	BARIUM	7440-39-	0.003	0.00024	0.0420	mg/L			
TMW28102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW28102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW28102009	10/19/2009	ZINC	7440-66-	0.01	0.00123	0.0077	mg/L	J	T	J
TMW28102009	10/19/2009	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0068	mg/L			
TMW28102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW28102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW28102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW28102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW28102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW28102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW28102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW28102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW28102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW28102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW29102009	10/20/2009 9:00	SODIUM	7440-23-	50	6.16	550	mg/L			
TMW29102009	10/20/2009 9:00	CALCIUM	7440-70-	5	0.0903	38.6	mg/L			
TMW29102009	10/20/2009 9:00	MAGNESIUM	7439-95-	0.5	0.00854	8.46	mg/L			
TMW29102009	10/20/2009 9:00	POTASSIUM	7440-09-	0.5	0.0563	1.09	mg/L			
TMW29102009	10/20/2009 9:00	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW29102009	10/20/2009 9:00	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW29102009	10/20/2009 9:00	SELENIUM	7782-49-	0.01	0.00561	0.0206	mg/L			
TMW29102009	10/20/2009 9:00	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW29102009	10/20/2009 9:00	BARIUM	7440-39-	0.003	0.00024	0.0191	mg/L			
TMW29102009	10/20/2009 9:00	IRON	7439-89-	0.3	0.00965	0.0171	mg/L	J	T	J
TMW29102009	10/20/2009 9:00	Vanadium, Metallic	7440-62-	0.005	0.0011	0.0120	mg/L			
TMW29102009	10/20/2009 9:00	MANGANESE	7439-96-	0.001	0.00034	0.0103	mg/L			
TMW29102009	10/20/2009 9:00	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW29102009	10/20/2009 9:00	ARSENIC	7440-38-	0.005	0.00443	0.0052	mg/L			
TMW29102009	10/20/2009 9:00	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW29102009	10/20/2009 9:00	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW29102009	10/20/2009 9:00	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW29102009	10/20/2009 9:00	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW29102009	10/20/2009 9:00	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW29102009	10/20/2009 9:00	ZINC	7440-66-	0.01	0.00123	0.0036	mg/L	J	T	J

APPENDIX A3: ALL DISSOLVED METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW29102009	10/20/2009 9:00	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW29102009	10/20/2009 9:00	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW29102009	10/20/2009 9:00	Beryllium and compounds	7	0.001	0.00005	2	mg/L	J	7	U

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW02102009	10:30	SODIUM	5	50	6.16	186	mg/L			
CMW02102009	10/20/2009	CALCIUM	7440-70-	0.5	0.00903	6.70	mg/L			
CMW02102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.17	mg/L		8	J
CMW02102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	0.662	mg/L			
CMW02102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW02102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.0954	mg/L	J	7,8	UJ
CMW02102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0922	mg/L		7,8	UJ
CMW02102009	10/20/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0634	mg/L			
CMW02102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0304	mg/L			
CMW02102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW02102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0165	mg/L			
CMW02102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0122	mg/L			
CMW02102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW02102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW02102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0057	mg/L			
CMW02102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW02102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW02102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW02102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW02102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW02102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW02102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW02102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW04102009	10/20/2009	SODIUM	7440-23-	500	61.6	1100	mg/L			
CMW04102009	10/20/2009	CALCIUM	7440-70-	5	0.0903	38.6	mg/L			
CMW04102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	4.86	mg/L		8	J
CMW04102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	1.88	mg/L			
CMW04102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.202	mg/L			
CMW04102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW04102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.0680	mg/L	J	7,8	UJ
CMW04102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0284	mg/L	J	7,8	UJ
CMW04102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW04102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0116	mg/L			
CMW04102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0106	mg/L			
CMW04102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW04102009	10/20/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0073	mg/L	J	T	J
CMW04102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW04102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW04102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW04102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW04102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW04102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0045	mg/L	J	T	J
CMW04102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW04102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW04102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0010	mg/L	J	T	J
CMW04102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW07102009	10/20/2009	SODIUM	7440-23-	50	6.16	358	mg/L			
CMW07102009	10/20/2009	CALCIUM	7440-70-	5	0.0903	12.0	mg/L			
CMW07102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	2.29	mg/L		8	J
CMW07102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	1.19	mg/L			
CMW07102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW07102009	10/20/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0522	mg/L			
CMW07102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.0463	mg/L	J	7,8	UJ
CMW07102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0240	mg/L	J	7,8	UJ
CMW07102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW07102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0183	mg/L			
CMW07102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW07102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW07102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW07102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW07102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW07102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW07102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW07102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW07102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0046	mg/L	J	7	U
CMW07102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0021	mg/L			
CMW07102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW07102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW07102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW10102009	10/26/2009	SODIUM	7440-23-	500	61.6	1260	mg/L			
CMW10102009	10/26/2009	CALCIUM	7440-70-	50	0.903	91.2	mg/L			
CMW10102009	10/26/2009	POTASSIUM	7440-09-	0.5	0.0563	7.66	mg/L			
CMW10102009	10/26/2009	ALUMINUM	7429-90-	0.05	0.0158	1.84	mg/L			
CMW10102009	10/26/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.14	mg/L			
CMW10102009	10/26/2009	IRON	7439-89-	0.3	0.00965	0.797	mg/L			
CMW10102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW10102009	10/26/2009	ZINC	7440-66-	0.01	0.00123	0.0752	mg/L			
CMW10102009	10/26/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0520	mg/L			
CMW10102009	10/26/2009	MANGANESE	7439-96-	0.001	0.00034	0.0470	mg/L			
CMW10102009	10/26/2009	BARIUM	7440-39-	0.003	0.00024	0.0385	mg/L			
CMW10102009	10/26/2009	SELENIUM	7782-49-	0.01	0.00561	0.0309	mg/L			
CMW10102009	10/26/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0184	mg/L			
CMW10102009	10/26/2009	ARSENIC	7440-38-	0.005	0.00443	0.0071	mg/L			
CMW10102009	10/26/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW10102009	10/26/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW10102009	10/26/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW10102009	10/26/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW10102009	10/26/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW10102009	10/26/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW10102009	10/26/2009	NICKEL	7440-02-	0.002	0.00071	0.0036	mg/L			
CMW10102009	10/26/2009	COPPER	7440-50-	0.02	0.00207	0.0029	mg/L	J	T	J
CMW10102009	10/26/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW14102009	10/21/2009	SODIUM	7440-23-	50	6.16	870	mg/L			
CMW14102009	10/21/2009	CALCIUM	7440-70-	5	0.0903	26.2	mg/L			
CMW14102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	3.26	mg/L			
CMW14102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	1.04	mg/L		8	J
CMW14102009	10/21/2009	CHROMIUM	7440-47-	0.02	0.005	0.635	mg/L			
CMW14102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW14102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.122	mg/L	J	7,8	UJ
CMW14102009	10/21/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.111	mg/L	J	7,8	UJ
CMW14102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.108	mg/L			
CMW14102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0270	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW14102009	10/21/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0192	mg/L			
CMW14102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0143	mg/L	J	T	J
CMW14102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW14102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0068	mg/L			
CMW14102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW14102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW14102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW14102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW14102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW14102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0047	mg/L			
CMW14102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0020	mg/L			
CMW14102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW14102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0009	mg/L	J	T	J
CMW17102009	10/27/2009	SODIUM	7440-23-	50	6.16	179	mg/L			
CMW17102009	10/27/2009	CALCIUM	7440-70-	5	0.0903	15.0	mg/L			
CMW17102009	10/27/2009	ALUMINUM	7429-90-	0.05	0.0158	5.68	mg/L			
CMW17102009	10/27/2009	IRON	7439-89-	0.3	0.00965	3.38	mg/L			
CMW17102009	10/27/2009	MAGNESIUM	7439-95-	0.5	0.00854	3.15	mg/L			
CMW17102009	10/27/2009	POTASSIUM	7440-09-	0.5	0.0563	2.91	mg/L			
CMW17102009	10/27/2009	ZINC	7440-66-	0.1	0.0123	0.238	mg/L			
CMW17102009	10/27/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW17102009	10/27/2009	MANGANESE	7439-96-	0.001	0.00034	0.178	mg/L			
CMW17102009	10/27/2009	BARIUM	7440-39-	0.003	0.00024	0.108	mg/L			
CMW17102009	10/27/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0557	mg/L			
CMW17102009	10/27/2009	COPPER	7440-50-	0.02	0.00207	0.0160	mg/L	J	T	J
CMW17102009	10/27/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0114	mg/L			
CMW17102009	10/27/2009	NICKEL	7440-02-	0.002	0.00071	0.0106	mg/L			
CMW17102009	10/27/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW17102009	10/27/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW17102009	10/27/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW17102009	10/27/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW17102009	10/27/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW17102009	10/27/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW17102009	10/27/2009	LEAD	7439-92-	0.005	0.00183	0.0047	mg/L	J	T	J
CMW17102009	10/27/2009	COBALT	7440-48-	0.005	0.00025	0.0015	mg/L	J	7	U
CMW17102009	10/27/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	T	J
CMW18102009	10/21/2009	SODIUM	7440-23-	50	6.16	143	mg/L			
CMW18102009	10/21/2009	Sodium	7440-23-	1.0	0.3	134	mg/L			
CMW18102009	10/21/2009	CALCIUM	7440-70-	5	0.0903	48.5	mg/L			
CMW18102009	10/21/2009	Calcium	7440-70-	0.1	0.03	47.7	mg/L			
CMW18102009	10/21/2009	MAGNESIUM	7439-95-	5	0.0854	15.2	mg/L		8	J
CMW18102009	10/21/2009	Magnesium	7439-95-	0.04	0.003	13.3	mg/L			
CMW18102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	0.981	mg/L			
CMW18102009	10/21/2009	Potassium	7440-09-	0.05	0.006	0.91	mg/L			
CMW18102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
CMW18102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW18102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0662	mg/L		7,8	UJ
CMW18102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.0566	mg/L	J	7,8	UJ
CMW18102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0527	mg/L			
CMW18102009	10/21/2009	Barium	7440-39-	5E-04	0.00004	0.051	mg/L			
CMW18102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0365	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW18102009	10/21/2009	Zinc	7440-66-	0.02	0.0023	0.034	mg/L			
CMW18102009	10/21/2009	Iron	7439-89-	0.04	0.0136	0.032	mg/L	J	T	J
CMW18102009	10/21/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0283	mg/L			
CMW18102009	10/21/2009	Aluminum	7429-90-	0.02	0.001	0.027	mg/L			
CMW18102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW18102009	10/21/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.019	mg/L			
CMW18102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0079	mg/L	J	T	J
CMW18102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW18102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0054	mg/L			
CMW18102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW18102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW18102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW18102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW18102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW18102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW18102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW18102009	10/21/2009	Selenium	7782-49-	0.001	0.0001	0.0017	mg/L			
CMW18102009	10/21/2009	Arsenic	7440-38-	2E-04	0.00009	0.0011	mg/L			
CMW18102009	10/21/2009	Manganese	7439-96-	5E-04	0.00006	0.0011	mg/L			
CMW18102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0010	mg/L	U		
CMW18102009	10/21/2009	Copper	7440-50-	5E-04	0.0003	0.0008	mg/L			
CMW18102009	10/21/2009	Cobalt	7440-48-	5E-04	0.00003	0.0006	mg/L			
CMW18102009	10/21/2009	Nickel	7440-02-	5E-04	0.00016	0.0004	mg/L	J	T	J
CMW18102009	10/21/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
CMW18102009	10/21/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
CMW18102009	10/21/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
CMW18102009	10/21/2009	Lead	7439-92-	2E-04	0.00011	0.0001	mg/L	J	T	J
CMW18102009	10/21/2009	Chromium	7440-47-	5E-04	0.00004	0.0001	mg/L	J	T	J
CMW18102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
CMW18102009	10/21/2009	Thallium	7440-28-	2E-04	0.00001	0.0000	mg/L	J	T	J
CMW18102009	10/21/2009	Cadmium	7440-43-	2E-04	0.00002	0.0000	mg/L	J	T	J
CMW19102009	10/26/2009	SODIUM	7440-23-	50	6.16	346	mg/L			
CMW19102009	10/26/2009	CALCIUM	7440-70-	0.5	0.00903	4.54	mg/L			
CMW19102009	10/26/2009	POTASSIUM	7440-09-	0.5	0.0563	3.04	mg/L			
CMW19102009	10/26/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.910	mg/L			
CMW19102009	10/26/2009	ALUMINUM	7429-90-	0.05	0.0158	0.322	mg/L			
CMW19102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW19102009	10/26/2009	IRON	7439-89-	0.3	0.00965	0.179	mg/L	J	7	U
CMW19102009	10/26/2009	BARIUM	7440-39-	0.003	0.00024	0.0371	mg/L			
CMW19102009	10/26/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0308	mg/L			
CMW19102009	10/26/2009	ZINC	7440-66-	0.01	0.00123	0.0288	mg/L			
CMW19102009	10/26/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW19102009	10/26/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW19102009	10/26/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW19102009	10/26/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW19102009	10/26/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW19102009	10/26/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW19102009	10/26/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW19102009	10/26/2009	COPPER	7440-50-	0.02	0.00207	0.0032	mg/L	J	T	J
CMW19102009	10/26/2009	MANGANESE	7439-96-	0.001	0.00034	0.0029	mg/L			
CMW19102009	10/26/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW19102009	10/26/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
CMW19102009	10/26/2009	SILVER	7440-22-	0.005	0.00072	0.0009	mg/L	J	T	J
CMW19102009	10/26/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0005	mg/L	J	T	J
CMW22102009	10/16/2009	SODIUM	7440-23-	50	6.16	172	mg/L			
CMW22102009	10/16/2009	CALCIUM	7440-70-	0.5	0.00903	7.68	mg/L			
CMW22102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.10	mg/L			
CMW22102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	1.04	mg/L			
CMW22102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	0.888	mg/L			
CMW22102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.546	mg/L			
CMW22102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW22102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.181	mg/L			
CMW22102009	10/16/2009	MANGANESE	7439-96-	0.001	0.00034	0.0903	mg/L			
CMW22102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW22102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.0119	mg/L			
CMW22102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW22102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW22102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW22102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW22102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW22102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW22102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW22102009	10/16/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0020	mg/L	J	T	J
CMW22102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW22102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW22102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0010	mg/L	J	T	J
CMW22102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0002	mg/L	J	7	U
CMW23102009	10/16/2009	SODIUM	7440-23-	50	6.16	576	mg/L			
CMW23102009	10/16/2009	CALCIUM	7440-70-	5	0.0903	27.3	mg/L			
CMW23102009	10/16/2009	ALUMINUM	7429-90-	0.5	0.158	14.7	mg/L			
CMW23102009	10/16/2009	IRON	7439-89-	0.3	0.00965	6.09	mg/L			
CMW23102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	5.64	mg/L			
CMW23102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	2.76	mg/L			
CMW23102009	10/16/2009	MANGANESE	7439-96-	0.01	0.0034	0.262	mg/L			
CMW23102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW23102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.178	mg/L			
CMW23102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0688	mg/L			
CMW23102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0168	mg/L	J	T	J
CMW23102009	10/16/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0166	mg/L			
CMW23102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW23102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0081	mg/L			
CMW23102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0080	mg/L			
CMW23102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0064	mg/L			
CMW23102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW23102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW23102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW23102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW23102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0044	mg/L	J	T	J
CMW23102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0017	mg/L			
CMW23102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0012	mg/L	J	T	J
CMW24102009	10/22/2009	SODIUM	7440-23-	50	6.16	579	mg/L			
CMW24102009	10/22/2009	CALCIUM	7440-70-	0.5	0.00903	7.13	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
CMW24102009	10/22/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.46	mg/L		8	J
CMW24102009	10/22/2009	POTASSIUM	7440-09-	0.5	0.0563	1.29	mg/L			
CMW24102009	10/22/2009	ALUMINUM	7429-90-	0.05	0.0158	1.02	mg/L		8	J
CMW24102009	10/22/2009	IRON	7439-89-	0.3	0.00965	0.549	mg/L		8	J
CMW24102009	10/22/2009	MANGANESE	7439-96-	0.01	0.0034	0.239	mg/L			
CMW24102009	10/22/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW24102009	10/22/2009	ZINC	7440-66-	0.01	0.00123	0.133	mg/L			
CMW24102009	10/22/2009	BARIUM	7440-39-	0.003	0.00024	0.0413	mg/L			
CMW24102009	10/22/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW24102009	10/22/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
CMW24102009	10/22/2009	ARSENIC	7440-38-	0.005	0.00443	0.0052	mg/L			
CMW24102009	10/22/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0052	mg/L	J	T	J
CMW24102009	10/22/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW24102009	10/22/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW24102009	10/22/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
CMW24102009	10/22/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW24102009	10/22/2009	NICKEL	7440-02-	0.002	0.00071	0.0048	mg/L			
CMW24102009	10/22/2009	COPPER	7440-50-	0.02	0.00207	0.0044	mg/L	J	T	J
CMW24102009	10/22/2009	LEAD	7439-92-	0.005	0.00183	0.0025	mg/L	J	T	J
CMW24102009	10/22/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0012	mg/L	J	T	J
CMW24102009	10/22/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
CMW25102009	10/16/2009	SODIUM	7440-23-	50	6.16	304	mg/L			
CMW25102009	10/16/2009	CALCIUM	7440-70-	0.5	0.00903	3.00	mg/L			
CMW25102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.866	mg/L			
CMW25102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	0.678	mg/L			
CMW25102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
CMW25102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.140	mg/L	J	7	U
CMW25102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0882	mg/L		7	U
CMW25102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.0242	mg/L			
CMW25102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0205	mg/L			
CMW25102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
CMW25102009	10/16/2009	MANGANESE	7439-96-	0.001	0.00034	0.0157	mg/L			
CMW25102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
CMW25102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0068	mg/L			
CMW25102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
CMW25102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
CMW25102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
CMW25102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
CMW25102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
CMW25102009	10/16/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0033	mg/L	J	T	J
CMW25102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
CMW25102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
CMW25102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0012	mg/L	J	T	J
CMW25102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
EMW01102009	10/15/2009	SODIUM	7440-23-	500	61.6	1900	mg/L			
EMW01102009	10/15/2009	CALCIUM	7440-70-	5	0.0903	69.4	mg/L			
EMW01102009	10/15/2009	MAGNESIUM	7439-95-	0.5	0.00854	5.95	mg/L			
EMW01102009	10/15/2009	POTASSIUM	7440-09-	0.5	0.0563	5.39	mg/L			
EMW01102009	10/15/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW01102009	10/15/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0975	mg/L		7	U
EMW01102009	10/15/2009	IRON	7439-89-	0.3	0.00965	0.0516	mg/L	J	7	U

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
EMW01102009	10/15/2009	BARIUM	7440-39-	0.003	0.00024	0.0391	mg/L			
EMW01102009	10/15/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0384	mg/L			
EMW01102009	10/15/2009	ZINC	7440-66-	0.01	0.00123	0.0323	mg/L			
EMW01102009	10/15/2009	MANGANESE	7439-96-	0.001	0.00034	0.0281	mg/L			
EMW01102009	10/15/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
EMW01102009	10/15/2009	SELENIUM	7782-49-	0.01	0.00561	0.0090	mg/L	J	T	J
EMW01102009	10/15/2009	ARSENIC	7440-38-	0.005	0.00443	0.0090	mg/L			
EMW01102009	10/15/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW01102009	10/15/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW01102009	10/15/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
EMW01102009	10/15/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
EMW01102009	10/15/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
EMW01102009	10/15/2009	THALLIUM	7440-28-	0.005	0.0026	0.0046	mg/L	J	T	J
EMW01102009	10/15/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
EMW01102009	10/15/2009	NICKEL	7440-02-	0.002	0.00071	0.0017	mg/L	J	T	J
EMW01102009	10/15/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
EMW02102009	10/16/2009	SODIUM	7440-23-	500	61.6	1770	mg/L			
EMW02102009	10/16/2009	CALCIUM	7440-70-	5	0.0903	58.8	mg/L			
EMW02102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	8.18	mg/L			
EMW02102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	2.39	mg/L			
EMW02102009	10/16/2009	ZINC	7440-66-	0.1	0.0123	0.462	mg/L			
EMW02102009	10/16/2009	MANGANESE	7439-96-	0.01	0.0034	0.221	mg/L			
EMW02102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW02102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.0735	mg/L	J	7	U
EMW02102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0258	mg/L	J	7	U
EMW02102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
EMW02102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0151	mg/L			
EMW02102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0101	mg/L			
EMW02102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0097	mg/L			
EMW02102009	10/16/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0082	mg/L	J	T	J
EMW02102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW02102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
EMW02102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW02102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
EMW02102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
EMW02102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0012	mg/L	J	T	J
EMW02102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
EMW02102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0009	mg/L	J	T	J
EMW02102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0009	mg/L	J	T	J
EMW03102009	10/16/2009	SODIUM	7440-23-	500	61.6	1430	mg/L			
EMW03102009	10/16/2009	CALCIUM	7440-70-	5	0.0903	27.6	mg/L			
EMW03102009	10/16/2009	POTASSIUM	7440-09-	0.5	0.0563	3.52	mg/L			
EMW03102009	10/16/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.46	mg/L			
EMW03102009	10/16/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW03102009	10/16/2009	ALUMINUM	7429-90-	0.05	0.0158	0.131	mg/L		7	U
EMW03102009	10/16/2009	IRON	7439-89-	0.3	0.00965	0.0820	mg/L	J	7	U
EMW03102009	10/16/2009	ZINC	7440-66-	0.01	0.00123	0.0688	mg/L			
EMW03102009	10/16/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0272	mg/L			
EMW03102009	10/16/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
EMW03102009	10/16/2009	BARIUM	7440-39-	0.003	0.00024	0.0180	mg/L			
EMW03102009	10/16/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
EMW03102009	10/16/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW03102009	10/16/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
EMW03102009	10/16/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
EMW03102009	10/16/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW03102009	10/16/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
EMW03102009	10/16/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
EMW03102009	10/16/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
EMW03102009	10/16/2009	MANGANESE	7439-96-	0.001	0.00034	0.0019	mg/L			
EMW03102009	10/16/2009	SILVER	7440-22-	0.005	0.00072	0.0014	mg/L	J	T	J
EMW03102009	10/16/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0008	mg/L	J	T	J
EMW03102009	10/16/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
EMW04102009	10/27/2009 8:35	SODIUM	7440-23-	500	61.6	2980	mg/L			
EMW04102009	10/27/2009 8:35	CALCIUM	7440-70-	50	0.903	180	mg/L			
EMW04102009	10/27/2009 8:35	MAGNESIUM	7439-95-	5	0.0854	24.2	mg/L			
EMW04102009	10/27/2009 8:35	POTASSIUM	7440-09-	0.5	0.0563	5.14	mg/L			
EMW04102009	10/27/2009 8:35	IRON	7439-89-	0.3	0.00965	1.26	mg/L			
EMW04102009	10/27/2009 8:35	MANGANESE	7439-96-	0.01	0.0034	0.312	mg/L			
EMW04102009	10/27/2009 8:35	NICKEL	7440-02-	0.02	0.0071	0.304	mg/L			
EMW04102009	10/27/2009 8:35	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
EMW04102009	10/27/2009 8:35	ALUMINUM	7429-90-	0.05	0.0158	0.113	mg/L		7	U
EMW04102009	10/27/2009 8:35	CHROMIUM	7440-47-	0.002	0.0005	0.0778	mg/L			
EMW04102009	10/27/2009 8:35	ZINC	7440-66-	0.01	0.00123	0.0261	mg/L			
EMW04102009	10/27/2009 8:35	BARIUM	7440-39-	0.003	0.00024	0.0255	mg/L			
EMW04102009	10/27/2009 8:35	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0144	mg/L			
EMW04102009	10/27/2009 8:35	ARSENIC	7440-38-	0.005	0.00443	0.0075	mg/L			
EMW04102009	10/27/2009 8:35	SELENIUM	7782-49-	0.01	0.00561	0.0060	mg/L	J	T	J
EMW04102009	10/27/2009 8:35	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
EMW04102009	10/27/2009 8:35	COBALT	7440-48-	0.005	0.00025	0.0052	mg/L		7	U
EMW04102009	10/27/2009 8:35	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
EMW04102009	10/27/2009 8:35	SILVER	7440-22-	0.005	0.00072	0.0025	mg/L	J	T	J
EMW04102009	10/27/2009 8:35	COPPER	7440-50-	0.02	0.00207	0.0023	mg/L	J	T	J
EMW04102009	10/27/2009 8:35	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
FW31102009	10/21/2009	SODIUM	7440-23-	50	6.16	468	mg/L			
FW31102009	10/21/2009	CALCIUM	7440-70-	0.5	0.00903	5.74	mg/L			
FW31102009	10/21/2009	MAGNESIUM	7439-95-	0.5	0.00854	2.50	mg/L		8	J
FW31102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	1.50	mg/L			
FW31102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.505	mg/L		8	J
FW31102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
FW31102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.198	mg/L	J	8,T	J
FW31102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0241	mg/L			
FW31102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0237	mg/L			
FW31102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
FW31102009	10/21/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0169	mg/L			
FW31102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0114	mg/L			
FW31102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
FW31102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0086	mg/L	J	7	U
FW31102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
FW31102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
FW31102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
FW31102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
FW31102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
FW31102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0026	mg/L	J	T	J
FW31102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0018	mg/L	J	T	J
FW31102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0009	mg/L	J	T	J
FW31102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
FW35102009	10/21/2009	SODIUM	7440-23-	50	6.16	551	mg/L			
FW35102009	10/21/2009	CALCIUM	7440-70-	50	0.903	284	mg/L			
FW35102009	10/21/2009	MAGNESIUM	7439-95-	50	0.854	105	mg/L		8	J
FW35102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	1.14	mg/L		8	J
FW35102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	0.696	mg/L			
FW35102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.686	mg/L		8	J
FW35102009	10/21/2009	MANGANESE	7439-96-	0.01	0.0034	0.263	mg/L			
FW35102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
FW35102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.126	mg/L			
FW35102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0521	mg/L			
FW35102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0169	mg/L			
FW35102009	10/21/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0100	mg/L	U		
FW35102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0063	mg/L			
FW35102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
FW35102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
FW35102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
FW35102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
FW35102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
FW35102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
FW35102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0039	mg/L	J	T	J
FW35102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0036	mg/L	J	T	J
FW35102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0022	mg/L			
FW35102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
KMW09102009	10/15/2009	SODIUM	7440-23-	50	6.16	620	mg/L			
KMW09102009	10/15/2009	CALCIUM	7440-70-	50	0.903	183	mg/L			
KMW09102009	10/15/2009	MAGNESIUM	7439-95-	5	0.0854	40.9	mg/L			
KMW09102009	10/15/2009	POTASSIUM	7440-09-	5	0.563	12.2	mg/L			
KMW09102009	10/15/2009	IRON	7439-89-	0.3	0.00965	0.280	mg/L	J	T	J
KMW09102009	10/15/2009	MANGANESE	7439-96-	0.01	0.0034	0.226	mg/L			
KMW09102009	10/15/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW09102009	10/15/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0429	mg/L	J	7	U
KMW09102009	10/15/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
KMW09102009	10/15/2009	ZINC	7440-66-	0.01	0.00123	0.0162	mg/L			
KMW09102009	10/15/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
KMW09102009	10/15/2009	BARIUM	7440-39-	0.003	0.00024	0.0097	mg/L			
KMW09102009	10/15/2009	ARSENIC	7440-38-	0.005	0.00443	0.0090	mg/L			
KMW09102009	10/15/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0073	mg/L	J	T	J
KMW09102009	10/15/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0051	mg/L	J	T	J
KMW09102009	10/15/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW09102009	10/15/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
KMW09102009	10/15/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
KMW09102009	10/15/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
KMW09102009	10/15/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
KMW09102009	10/15/2009	NICKEL	7440-02-	0.002	0.00071	0.0018	mg/L	J	T	J
KMW09102009	10/15/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0010	mg/L	J	T	J

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
KMW09102009	10/15/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
KMW10102009	10/21/2009	CALCIUM	7440-70-	50	0.903	126	mg/L			
KMW10102009	10/21/2009	SODIUM	7440-23-	5	0.616	42.9	mg/L			
KMW10102009	10/21/2009	MAGNESIUM	7439-95-	5	0.0854	28.8	mg/L		8	J
KMW10102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	2.76	mg/L			
KMW10102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	2.34	mg/L		8	J
KMW10102009	10/21/2009	IRON	7439-89-	0.3	0.00965	1.28	mg/L		8	J
KMW10102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW10102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.0737	mg/L			
KMW10102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0393	mg/L			
KMW10102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0312	mg/L			
KMW10102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0219	mg/L			
KMW10102009	10/21/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0189	mg/L			
KMW10102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
KMW10102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0050	mg/L	J	T	J
KMW10102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
KMW10102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW10102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
KMW10102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
KMW10102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
KMW10102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0026	mg/L			
KMW10102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0018	mg/L	J	T	J
KMW10102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0012	mg/L	J	T	J
KMW10102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0002	mg/L	J	7	U
KMW11102009	10/22/2009 9:30	Sodium	7440-23-	2	0.6	236	mg/L			
KMW11102009	10/22/2009 9:30	SODIUM	7440-23-	50	6.16	229	mg/L			
KMW11102009	10/22/2009 9:30	Calcium	7440-70-	0.1	0.03	2.7	mg/L			
KMW11102009	10/22/2009 9:30	CALCIUM	7440-70-	0.5	0.00903	2.35	mg/L			
KMW11102009	10/22/2009 9:30	Magnesium	7439-95-	0.04	0.003	1.2	mg/L			
KMW11102009	10/22/2009 9:30	MAGNESIUM	7439-95-	0.5	0.00854	1.16	mg/L		8	J
KMW11102009	10/22/2009 9:30	Potassium	7440-09-	0.05	0.006	0.71	mg/L			
KMW11102009	10/22/2009 9:30	POTASSIUM	7440-09-	0.5	0.0563	0.686	mg/L			
KMW11102009	10/22/2009 9:30	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
KMW11102009	10/22/2009 9:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW11102009	10/22/2009 9:30	Vanadium, Metallic	7440-62-	0.01	0.0011	0.156	mg/L			
KMW11102009	10/22/2009 9:30	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.14	mg/L			
KMW11102009	10/22/2009 9:30	Aluminum	7429-90-	0.02	0.001	0.092	mg/L			
KMW11102009	10/22/2009 9:30	IRON	7439-89-	0.3	0.00965	0.0815	mg/L	J	7,8	UJ
KMW11102009	10/22/2009 9:30	ALUMINUM	7429-90-	0.05	0.0158	0.0664	mg/L		7,8	UJ
KMW11102009	10/22/2009 9:30	Iron	7439-89-	0.04	0.0136	0.054	mg/L			
KMW11102009	10/22/2009 9:30	ARSENIC	7440-38-	0.005	0.00443	0.0295	mg/L			
KMW11102009	10/22/2009 9:30	Barium	7440-39-	5E-04	0.00004	0.024	mg/L			
KMW11102009	10/22/2009 9:30	BARIUM	7440-39-	0.003	0.00024	0.0237	mg/L			
KMW11102009	10/22/2009 9:30	Arsenic	7440-38-	2E-04	0.00009	0.022	mg/L			
KMW11102009	10/22/2009 9:30	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
KMW11102009	10/22/2009 9:30	ZINC	7440-66-	0.01	0.00123	0.0138	mg/L			
KMW11102009	10/22/2009 9:30	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
KMW11102009	10/22/2009 9:30	Zinc	7440-66-	0.02	0.0023	0.010	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
KMW11102009	10/22/2009 9:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW11102009	10/22/2009 9:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
KMW11102009	10/22/2009 9:30	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
KMW11102009	10/22/2009 9:30	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
KMW11102009	10/22/2009 9:30	Selenium	7782-49-	0.001	0.0001	0.0032	mg/L			
KMW11102009	10/22/2009 9:30	Manganese	7439-96-	5E-04	0.00006	0.0032	mg/L			
KMW11102009	10/22/2009 9:30	MANGANESE	7439-96-	0.001	0.00034	0.0030	mg/L			
KMW11102009	10/22/2009 9:30	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
KMW11102009	10/22/2009 9:30	LEAD	7439-92-	0.005	0.00183	0.0019	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	NICKEL	7440-02-	0.002	0.00071	0.0017	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	Copper	7440-50-	5E-04	0.0003	0.0006	mg/L			
KMW11102009	10/22/2009 9:30	Cobalt	7440-48-	5E-04	0.00003	0.0005	mg/L	U		
KMW11102009	10/22/2009 9:30	Nickel	7440-02-	5E-04	0.00016	0.0004	mg/L	J	T	J
KMW11102009	10/22/2009 9:30	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Thallium	7440-28-	2E-04	0.00001	0.0002	mg/L	U		
KMW11102009	10/22/2009 9:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
KMW11102009	10/22/2009 9:30	Chromium	7440-47-	5E-04	0.00004	0.0001	mg/L	J	T	J
KMW12102009	10/21/2009 9:15	SODIUM	7440-23-	50	6.16	610	mg/L			
KMW12102009	10/21/2009 9:15	CALCIUM	7440-70-	50	0.903	283	mg/L			
KMW12102009	10/21/2009 9:15	MAGNESIUM	7439-95-	5	0.0854	88.5	mg/L		8	J
KMW12102009	10/21/2009 9:15	POTASSIUM	7440-09-	5	0.563	13.6	mg/L			
KMW12102009	10/21/2009 9:15	MANGANESE	7439-96-	0.01	0.0034	1.00	mg/L			
KMW12102009	10/21/2009 9:15	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
KMW12102009	10/21/2009 9:15	IRON	7439-89-	0.3	0.00965	0.170	mg/L	J	7,8	UJ
KMW12102009	10/21/2009 9:15	ALUMINUM	7429-90-	0.05	0.0158	0.0234	mg/L	J	7,8	UJ
KMW12102009	10/21/2009 9:15	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
KMW12102009	10/21/2009 9:15	ZINC	7440-66-	0.01	0.00123	0.0191	mg/L			
KMW12102009	10/21/2009 9:15	BARIUM	7440-39-	0.003	0.00024	0.0173	mg/L			
KMW12102009	10/21/2009 9:15	SELENIUM	7782-49-	0.01	0.00561	0.0143	mg/L			
KMW12102009	10/21/2009 9:15	NICKEL	7440-02-	0.002	0.00071	0.0137	mg/L			
KMW12102009	10/21/2009 9:15	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
KMW12102009	10/21/2009 9:15	CHROMIUM	7440-47-	0.002	0.0005	0.0056	mg/L			
KMW12102009	10/21/2009 9:15	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
KMW12102009	10/21/2009 9:15	COBALT	7440-48-	0.005	0.00025	0.0022	mg/L	J	T	J
KMW12102009	10/21/2009 9:15	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0020	mg/L	J	T	J
KMW12102009	10/21/2009 9:15	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW01102009	10/22/2009 9:30	SODIUM	7440-23-	50	6.16	734	mg/L			
MW01102009	10/22/2009 9:30	CALCIUM	7440-70-	5	0.0903	27.4	mg/L	E		
MW01102009	10/22/2009 9:30	MAGNESIUM	7439-95-	5	0.0854	8.19	mg/L			
MW01102009	10/22/2009 9:30	ALUMINUM	7429-90-	0.05	0.0158	4.55	mg/L			
MW01102009	10/22/2009 9:30	IRON	7439-89-	0.3	0.00965	2.84	mg/L		8	J
MW01102009	10/22/2009 9:30	POTASSIUM	7440-09-	0.5	0.0563	1.38	mg/L			
MW01102009	10/22/2009 9:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW01102009	10/22/2009 9:30	MANGANESE	7439-96-	0.01	0.0034	0.195	mg/L			
MW01102009	10/22/2009 9:30	ZINC	7440-66-	0.1	0.0123	0.107	mg/L		8	J

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW01102009	10/22/2009 9:30	BARIUM	7440-39-	0.003	0.00024	0.0627	mg/L			
MW01102009	10/22/2009 9:30	SELENIUM	7782-49-	0.01	0.00561	0.0240	mg/L			
MW01102009	10/22/2009 9:30	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0150	mg/L			
MW01102009	10/22/2009 9:30	COPPER	7440-50-	0.02	0.00207	0.0065	mg/L	J	T	J
MW01102009	10/22/2009 9:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW01102009	10/22/2009 9:30	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW01102009	10/22/2009 9:30	NICKEL	7440-02-	0.002	0.00071	0.0049	mg/L			
MW01102009	10/22/2009 9:30	LEAD	7439-92-	0.005	0.00183	0.0046	mg/L	J	T	J
MW01102009	10/22/2009 9:30	CHROMIUM	7440-47-	0.002	0.0005	0.0045	mg/L			
MW01102009	10/22/2009 9:30	COBALT	7440-48-	0.005	0.00025	0.0019	mg/L	J	7	U
MW01102009	10/22/2009 9:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW01102009	10/22/2009 9:30	CADMIUM	7440-43-	0.005	0.00043	0.0008	mg/L	J	T	J
MW02102009	10/22/2009 8:30	SODIUM	7440-23-	50	6.16	355	mg/L			
MW02102009	10/22/2009 8:30	CALCIUM	7440-70-	50	0.903	218	mg/L			
MW02102009	10/22/2009 8:30	MAGNESIUM	7439-95-	5	0.0854	45.5	mg/L			
MW02102009	10/22/2009 8:30	ALUMINUM	7429-90-	0.5	0.158	13.6	mg/L			
MW02102009	10/22/2009 8:30	IRON	7439-89-	3	0.0965	9.99	mg/L		8	J
MW02102009	10/22/2009 8:30	POTASSIUM	7440-09-	0.5	0.0563	2.98	mg/L			
MW02102009	10/22/2009 8:30	ZINC	7440-66-	0.1	0.0123	0.979	mg/L		8	J
MW02102009	10/22/2009 8:30	MANGANESE	7439-96-	0.01	0.0034	0.907	mg/L			
MW02102009	10/22/2009 8:30	BARIUM	7440-39-	0.03	0.0024	0.208	mg/L			
MW02102009	10/22/2009 8:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW02102009	10/22/2009 8:30	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0248	mg/L			
MW02102009	10/22/2009 8:30	CHROMIUM	7440-47-	0.002	0.0005	0.0106	mg/L			
MW02102009	10/22/2009 8:30	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
MW02102009	10/22/2009 8:30	LEAD	7439-92-	0.005	0.00183	0.0092	mg/L			
MW02102009	10/22/2009 8:30	NICKEL	7440-02-	0.002	0.00071	0.0090	mg/L			
MW02102009	10/22/2009 8:30	COPPER	7440-50-	0.02	0.00207	0.0069	mg/L	J	T	J
MW02102009	10/22/2009 8:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW02102009	10/22/2009 8:30	COBALT	7440-48-	0.005	0.00025	0.0059	mg/L			
MW02102009	10/22/2009 8:30	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW02102009	10/22/2009 8:30	CADMIUM	7440-43-	0.005	0.00043	0.0008	mg/L	J	T	J
MW02102009	10/22/2009 8:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0004	mg/L	J	T	J
MW03102009	10/23/2009	SODIUM	7440-23-	500	61.6	1180	mg/L			
MW03102009	10/23/2009	CALCIUM	7440-70-	5	0.0903	79.4	mg/L			
MW03102009	10/23/2009	MAGNESIUM	7439-95-	5	0.0854	15.5	mg/L			
MW03102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	0.551	mg/L			
MW03102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW03102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.133	mg/L	J	7	U
MW03102009	10/23/2009	MANGANESE	7439-96-	0.001	0.00034	0.0448	mg/L			
MW03102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0406	mg/L			
MW03102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0167	mg/L	J	7	U
MW03102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0124	mg/L			
MW03102009	10/23/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0115	mg/L			
MW03102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0093	mg/L			
MW03102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW03102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW03102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW03102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW03102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW03102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW03102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0034	mg/L	J	T	J
MW03102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
MW03102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
MW03102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW03102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0008	mg/L	J	T	J
MW18D102009	10/23/2009	SODIUM	7440-23-	500	61.6	1940	mg/L			
MW18D102009	10/23/2009	CALCIUM	7440-70-	5	0.0903	67.4	mg/L			
MW18D102009	10/23/2009	MAGNESIUM	7439-95-	5	0.0854	20.1	mg/L			
MW18D102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	1.02	mg/L			
MW18D102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.898	mg/L			
MW18D102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.833	mg/L			
MW18D102009	10/23/2009	MANGANESE	7439-96-	0.01	0.0034	0.769	mg/L			
MW18D102009	10/23/2009	ZINC	7440-66-	0.1	0.0123	0.259	mg/L			
MW18D102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW18D102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0231	mg/L			
MW18D102009	10/23/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0156	mg/L			
MW18D102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
MW18D102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW18D102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0055	mg/L	J	T	J
MW18D102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0053	mg/L			
MW18D102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW18D102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW18D102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW18D102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW18D102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW18D102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW18D102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0014	mg/L	J	T	J
MW18D102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW20102009	10/23/2009	SODIUM	7440-23-	500	61.6	4240	mg/L			
MW20102009	10/23/2009	CALCIUM	7440-70-	50	0.903	505	mg/L			
MW20102009	10/23/2009	MAGNESIUM	7439-95-	50	0.854	111	mg/L			
MW20102009	10/23/2009	MANGANESE	7439-96-	0.1	0.034	2.79	mg/L			
MW20102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	2.23	mg/L			
MW20102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.673	mg/L			
MW20102009	10/23/2009	ZINC	7440-66-	0.1	0.0123	0.346	mg/L			
MW20102009	10/23/2009	SELENIUM	7782-49-	0.1	0.0561	0.227	mg/L			
MW20102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW20102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
MW20102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0145	mg/L			
MW20102009	10/23/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0100	mg/L	U		
MW20102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0084	mg/L			
MW20102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0064	mg/L	J	T	J
MW20102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW20102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW20102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW20102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW20102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0044	mg/L	J	T	J

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW20102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0024	mg/L	J	7	U
MW20102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0014	mg/L	J	T	J
MW20102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW20102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0009	mg/L	J	T	J
MW22D102009	10/21/2009	SODIUM	7440-23-	500	61.6	1140	mg/L			
MW22D102009	10/21/2009	Sodium	7440-23-	5	1.5	1120	mg/L			
MW22D102009	10/21/2009	Calcium	7440-70-	5	1.5	83.6	mg/L			
MW22D102009	10/21/2009	CALCIUM	7440-70-	5	0.0903	80.7	mg/L			
MW22D102009	10/21/2009	Magnesium	7439-95-	0.04	0.003	17.1	mg/L			
MW22D102009	10/21/2009	MAGNESIUM	7439-95-	5	0.0854	15.4	mg/L		8	J
MW22D102009	10/21/2009	POTASSIUM	7440-09-	0.5	0.0563	0.593	mg/L			
MW22D102009	10/21/2009	Potassium	7440-09-	0.05	0.006	0.35	mg/L			
MW22D102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
MW22D102009	10/21/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW22D102009	10/21/2009	IRON	7439-89-	0.3	0.00965	0.179	mg/L	J	8,T	J
MW22D102009	10/21/2009	MANGANESE	7439-96-	0.001	0.00034	0.103	mg/L			
MW22D102009	10/21/2009	Manganese	7439-96-	5E-04	0.00006	0.099	mg/L			
MW22D102009	10/21/2009	Aluminum	7429-90-	0.02	0.001	0.074	mg/L			
MW22D102009	10/21/2009	ZINC	7440-66-	0.01	0.00123	0.0686	mg/L			
MW22D102009	10/21/2009	SELENIUM	7782-49-	0.01	0.00561	0.0509	mg/L			
MW22D102009	10/21/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0483	mg/L	J	7,8	UJ
MW22D102009	10/21/2009	Selenium	7782-49-	0.001	0.0001	0.045	mg/L			
MW22D102009	10/21/2009	Iron	7439-89-	0.04	0.0136	0.021	mg/L	J	T	J
MW22D102009	10/21/2009	Zinc	7440-66-	0.02	0.0023	0.019	mg/L	J	T	J
MW22D102009	10/21/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0130	mg/L			
MW22D102009	10/21/2009	Barium	7440-39-	5E-04	0.00004	0.0096	mg/L			
MW22D102009	10/21/2009	BARIUM	7440-39-	0.003	0.00024	0.0093	mg/L			
MW22D102009	10/21/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0052	mg/L	J	T	J
MW22D102009	10/21/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
MW22D102009	10/21/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW22D102009	10/21/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
MW22D102009	10/21/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW22D102009	10/21/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
MW22D102009	10/21/2009	NICKEL	7440-02-	0.002	0.00071	0.0030	mg/L			
MW22D102009	10/21/2009	COPPER	7440-50-	0.02	0.00207	0.0023	mg/L	J	T	J
MW22D102009	10/21/2009	Nickel	7440-02-	5E-04	0.00016	0.0022	mg/L			
MW22D102009	10/21/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0012	mg/L			
MW22D102009	10/21/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0010	mg/L	J	T	J
MW22D102009	10/21/2009	Copper	7440-50-	5E-04	0.0003	0.0010	mg/L			
MW22D102009	10/21/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
MW22D102009	10/21/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.0008	mg/L			
MW22D102009	10/21/2009	SILVER	7440-22-	0.005	0.00072	0.0007	mg/L	J	T	J
MW22D102009	10/21/2009	Chromium	7440-47-	5E-04	0.00004	0.0004	mg/L	J	T	J
MW22D102009	10/21/2009	Cobalt	7440-48-	5E-04	0.00003	0.0004	mg/L	J	T	J
MW22D102009	10/21/2009	Arsenic	7440-38-	2E-04	0.00009	0.0003	mg/L			
MW22D102009	10/21/2009	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
MW22D102009	10/21/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
MW22D102009	10/21/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U	8	UJ
MW22D102009	10/21/2009	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
MW22D102009	10/21/2009	Thallium	7440-28-	2E-04	0.00001	0.0002	mg/L	U		
MW22S102009	10/20/2009 8:30	SODIUM	7440-23-	500	61.6	1050	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
MW22S102009	10/20/2009 8:30	CALCIUM	7440-70-	50	0.903	125	mg/L			
MW22S102009	10/20/2009 8:30	MAGNESIUM	7439-95-	5	0.0854	28.3	mg/L			
MW22S102009	10/20/2009 8:30	ALUMINUM	7429-90-	0.5	0.158	12.9	mg/L			
MW22S102009	10/20/2009 8:30	IRON	7439-89-	0.3	0.00965	8.39	mg/L			
MW22S102009	10/20/2009 8:30	POTASSIUM	7440-09-	0.5	0.0563	2.45	mg/L			
MW22S102009	10/20/2009 8:30	MANGANESE	7439-96-	0.01	0.0034	0.400	mg/L			
MW22S102009	10/20/2009 8:30	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
MW22S102009	10/20/2009 8:30	BARIUM	7440-39-	0.003	0.00024	0.195	mg/L			
MW22S102009	10/20/2009 8:30	SELENIUM	7782-49-	0.01	0.00561	0.0572	mg/L			
MW22S102009	10/20/2009 8:30	ZINC	7440-66-	0.01	0.00123	0.0382	mg/L			
MW22S102009	10/20/2009 8:30	LEAD	7439-92-	0.005	0.00183	0.0268	mg/L			
MW22S102009	10/20/2009 8:30	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0205	mg/L			
MW22S102009	10/20/2009 8:30	CHROMIUM	7440-47-	0.002	0.0005	0.0108	mg/L			
MW22S102009	10/20/2009 8:30	COPPER	7440-50-	0.02	0.00207	0.0089	mg/L	J	T	J
MW22S102009	10/20/2009 8:30	ARSENIC	7440-38-	0.005	0.00443	0.0078	mg/L			
MW22S102009	10/20/2009 8:30	NICKEL	7440-02-	0.002	0.00071	0.0075	mg/L			
MW22S102009	10/20/2009 8:30	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
MW22S102009	10/20/2009 8:30	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
MW22S102009	10/20/2009 8:30	COBALT	7440-48-	0.005	0.00025	0.0046	mg/L	J	T	J
MW22S102009	10/20/2009 8:30	Beryllium and compounds	7440-41-	0.001	0.00005	0.0012	mg/L			
SMW01102009	10/24/2009	SODIUM	7440-23-	50	6.16	467	mg/L			
SMW01102009	10/24/2009	CALCIUM	7440-70-	5	0.0903	21.6	mg/L			
SMW01102009	10/24/2009	MAGNESIUM	7439-95-	0.5	0.00854	7.20	mg/L			
SMW01102009	10/24/2009	ALUMINUM	7429-90-	0.05	0.0158	0.327	mg/L			
SMW01102009	10/24/2009	IRON	7439-89-	0.3	0.00965	0.266	mg/L	J	T	J
SMW01102009	10/24/2009	POTASSIUM	7440-09-	0.5	0.0563	0.212	mg/L	J	T	J
SMW01102009	10/24/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
SMW01102009	10/24/2009	MANGANESE	7439-96-	0.001	0.00034	0.0593	mg/L			
SMW01102009	10/24/2009	BARIUM	7440-39-	0.003	0.00024	0.0215	mg/L			
SMW01102009	10/24/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
SMW01102009	10/24/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0094	mg/L	J	T	J
SMW01102009	10/24/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
SMW01102009	10/24/2009	ZINC	7440-66-	0.01	0.00123	0.0057	mg/L	J	T	J
SMW01102009	10/24/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
SMW01102009	10/24/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
SMW01102009	10/24/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
SMW01102009	10/24/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
SMW01102009	10/24/2009	ARSENIC	7440-38-	0.005	0.00443	0.0044	mg/L	J	T	J
SMW01102009	10/24/2009	COPPER	7440-50-	0.02	0.00207	0.0026	mg/L	J	T	J
SMW01102009	10/24/2009	NICKEL	7440-02-	0.002	0.00071	0.0022	mg/L			
SMW01102009	10/24/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
SMW01102009	10/24/2009	CADMIUM	7440-43-	0.005	0.00043	0.0007	mg/L	J	T	J
SMW01102009	10/24/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0005	mg/L	J	T	J
TMW01102009	10/14/2009	SODIUM	7440-23-	50	6.16	557	mg/L			
TMW01102009	10/14/2009	CALCIUM	7440-70-	50	0.903	103	mg/L	E		
TMW01102009	10/14/2009	MAGNESIUM	7439-95-	5	0.0854	19.6	mg/L			
TMW01102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	0.541	mg/L			
TMW01102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW01102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0579	mg/L		7	U

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW01102009	10/14/2009	IRON	7439-89-	0.3	0.00965	0.0375	mg/L	J	7	U
TMW01102009	10/14/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0210	mg/L			
TMW01102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.0204	mg/L			
TMW01102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0116	mg/L	J	T	J
TMW01102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0112	mg/L			
TMW01102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0106	mg/L			
TMW01102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0067	mg/L	J	T	J
TMW01102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW01102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW01102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW01102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW01102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW01102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW01102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0046	mg/L			
TMW01102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW01102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW01102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0005	mg/L	J	T	J
TMW02102009	10/14/2009	SODIUM	7440-23-	500	61.6	1100	mg/L			
TMW02102009	10/14/2009	CALCIUM	7440-70-	5	0.0903	26.2	mg/L			
TMW02102009	10/14/2009	MAGNESIUM	7439-95-	0.5	0.00854	2.81	mg/L			
TMW02102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	1.48	mg/L			
TMW02102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW02102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.0922	mg/L			
TMW02102009	10/14/2009	IRON	7439-89-	0.3	0.00965	0.0710	mg/L	J	7	U
TMW02102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0560	mg/L		7	U
TMW02102009	10/14/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0517	mg/L			
TMW02102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0240	mg/L			
TMW02102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0120	mg/L			
TMW02102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0089	mg/L			
TMW02102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0054	mg/L	J	T	J
TMW02102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW02102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW02102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW02102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW02102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0037	mg/L			
TMW02102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0031	mg/L			
TMW02102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0030	mg/L	J	T	J
TMW02102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0016	mg/L	J	T	J
TMW02102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0007	mg/L	J	T	J
TMW02102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
TMW03102009	10/14/2009	SODIUM	7440-23-	50	6.16	942	mg/L			
TMW03102009	10/14/2009	CALCIUM	7440-70-	5	0.0903	47.3	mg/L			
TMW03102009	10/14/2009	MAGNESIUM	7439-95-	5	0.0854	12.0	mg/L			
TMW03102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	0.534	mg/L			
TMW03102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW03102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.0830	mg/L			
TMW03102009	10/14/2009	IRON	7439-89-	0.3	0.00965	0.0805	mg/L	J	7	U
TMW03102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0572	mg/L			
TMW03102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0466	mg/L			
TMW03102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0258	mg/L	J	7	U
TMW03102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0154	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW03102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0102	mg/L			
TMW03102009	10/14/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0089	mg/L	J	T	J
TMW03102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW03102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW03102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW03102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW03102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW03102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0033	mg/L	J	T	J
TMW03102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0021	mg/L	J	T	J
TMW03102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW03102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW03102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0006	mg/L	J	T	J
TMW04102009	10/14/2009	SODIUM	7440-23-	50	6.16	950	mg/L			
TMW04102009	10/14/2009	CALCIUM	7440-70-	5	0.0903	28.8	mg/L			
TMW04102009	10/14/2009	MAGNESIUM	7439-95-	0.5	0.00854	6.14	mg/L			
TMW04102009	10/14/2009	IRON	7439-89-	0.3	0.00965	1.42	mg/L			
TMW04102009	10/14/2009	POTASSIUM	7440-09-	0.5	0.0563	0.894	mg/L			
TMW04102009	10/14/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW04102009	10/14/2009	SELENIUM	7782-49-	0.01	0.00561	0.111	mg/L			
TMW04102009	10/14/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0979	mg/L		7	U
TMW04102009	10/14/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0350	mg/L			
TMW04102009	10/14/2009	ZINC	7440-66-	0.01	0.00123	0.0208	mg/L			
TMW04102009	10/14/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW04102009	10/14/2009	BARIUM	7440-39-	0.003	0.00024	0.0087	mg/L			
TMW04102009	10/14/2009	ARSENIC	7440-38-	0.005	0.00443	0.0077	mg/L			
TMW04102009	10/14/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW04102009	10/14/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW04102009	10/14/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW04102009	10/14/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW04102009	10/14/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW04102009	10/14/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW04102009	10/14/2009	MANGANESE	7439-96-	0.001	0.00034	0.0039	mg/L			
TMW04102009	10/14/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW04102009	10/14/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0017	mg/L	J	T	J
TMW04102009	10/14/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW06102009	10/17/2009	SODIUM	7440-23-	500	61.6	1260	mg/L			
TMW06102009	10/17/2009	CALCIUM	7440-70-	5	0.0903	51.2	mg/L			
TMW06102009	10/17/2009	MAGNESIUM	7439-95-	5	0.0854	13.7	mg/L			
TMW06102009	10/17/2009	POTASSIUM	7440-09-	0.5	0.0563	0.611	mg/L			
TMW06102009	10/17/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW06102009	10/17/2009	MANGANESE	7439-96-	0.001	0.00034	0.0400	mg/L			
TMW06102009	10/17/2009	IRON	7439-89-	0.3	0.00965	0.0309	mg/L	J	7	U
TMW06102009	10/17/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0251	mg/L	J	7	U
TMW06102009	10/17/2009	BARIUM	7440-39-	0.003	0.00024	0.0202	mg/L			
TMW06102009	10/17/2009	SELENIUM	7782-49-	0.01	0.00561	0.0197	mg/L			
TMW06102009	10/17/2009	COPPER	7440-50-	0.02	0.00207	0.0135	mg/L	J	T	J
TMW06102009	10/17/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0106	mg/L			
TMW06102009	10/17/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW06102009	10/17/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW06102009	10/17/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW06102009	10/17/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW06102009	10/17/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW06102009	10/17/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW06102009	10/17/2009	ZINC	7440-66-	0.01	0.00123	0.0030	mg/L	J	T	J
TMW06102009	10/17/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW06102009	10/17/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW06102009	10/17/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW06102009	10/17/2009	CADMIUM	7440-43-	0.005	0.00043	0.0007	mg/L	J	T	J
TMW07102009	10/20/2009 8:40	SODIUM	7440-23-	500	61.6	1260	mg/L			
TMW07102009	10/20/2009 8:40	CALCIUM	7440-70-	5	0.0903	66.5	mg/L			
TMW07102009	10/20/2009 8:40	MAGNESIUM	7439-95-	5	0.0854	13.9	mg/L		8	J
TMW07102009	10/20/2009 8:40	POTASSIUM	7440-09-	0.5	0.0563	3.26	mg/L			
TMW07102009	10/20/2009 8:40	ALUMINUM	7429-90-	0.05	0.0158	2.46	mg/L		8	J
TMW07102009	10/20/2009 8:40	IRON	7439-89-	0.3	0.00965	1.18	mg/L		8	J
TMW07102009	10/20/2009 8:40	MANGANESE	7439-96-	0.01	0.0034	0.338	mg/L			
TMW07102009	10/20/2009 8:40	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW07102009	10/20/2009 8:40	BARIUM	7440-39-	0.003	0.00024	0.0428	mg/L			
TMW07102009	10/20/2009 8:40	ZINC	7440-66-	0.01	0.00123	0.0292	mg/L			
TMW07102009	10/20/2009 8:40	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0150	mg/L			
TMW07102009	10/20/2009 8:40	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW07102009	10/20/2009 8:40	ARSENIC	7440-38-	0.005	0.00443	0.0078	mg/L			
TMW07102009	10/20/2009 8:40	NICKEL	7440-02-	0.002	0.00071	0.0067	mg/L			
TMW07102009	10/20/2009 8:40	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW07102009	10/20/2009 8:40	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW07102009	10/20/2009 8:40	COPPER	7440-50-	0.02	0.00207	0.0032	mg/L	J	T	J
TMW07102009	10/20/2009 8:40	CHROMIUM	7440-47-	0.002	0.0005	0.0030	mg/L			
TMW07102009	10/20/2009 8:40	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
TMW08102009	10/17/2009	SODIUM	7440-23-	500	61.6	4090	mg/L			
TMW08102009	10/17/2009	CALCIUM	7440-70-	50	0.903	259	mg/L			
TMW08102009	10/17/2009	MAGNESIUM	7439-95-	5	0.0854	76.1	mg/L			
TMW08102009	10/17/2009	POTASSIUM	7440-09-	0.5	0.0563	3.16	mg/L			
TMW08102009	10/17/2009	IRON	7439-89-	0.3	0.00965	2.66	mg/L			
TMW08102009	10/17/2009	MANGANESE	7439-96-	0.01	0.0034	0.364	mg/L			
TMW08102009	10/17/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW08102009	10/17/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW08102009	10/17/2009	SELENIUM	7782-49-	0.01	0.00561	0.0205	mg/L			
TMW08102009	10/17/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW08102009	10/17/2009	ZINC	7440-66-	0.01	0.00123	0.0155	mg/L			
TMW08102009	10/17/2009	BARIUM	7440-39-	0.003	0.00024	0.0080	mg/L			
TMW08102009	10/17/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW08102009	10/17/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0055	mg/L	J	T	J
TMW08102009	10/17/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW08102009	10/17/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW08102009	10/17/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW08102009	10/17/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW08102009	10/17/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW08102009	10/17/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW08102009	10/17/2009	NICKEL	7440-02-	0.002	0.00071	0.0029	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW08102009	10/17/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW08102009	10/17/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0008	mg/L	J	T	J
TMW10102009	10/19/2009	SODIUM	7440-23-	500	61.6	1160	mg/L			
TMW10102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	45.0	mg/L			
TMW10102009	10/19/2009	MAGNESIUM	7439-95-	5	0.0854	14.5	mg/L			
TMW10102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	0.756	mg/L			
TMW10102009	10/19/2009	IRON	7439-89-	0.3	0.00965	0.340	mg/L			
TMW10102009	10/19/2009	ALUMINUM	7429-90-	0.05	0.0158	0.207	mg/L			
TMW10102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW10102009	10/19/2009	MANGANESE	7439-96-	0.001	0.00034	0.0279	mg/L			
TMW10102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0232	mg/L			
TMW10102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0165	mg/L			
TMW10102009	10/19/2009	BARIUM	7440-39-	0.003	0.00024	0.0141	mg/L			
TMW10102009	10/19/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0102	mg/L			
TMW10102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW10102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW10102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW10102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW10102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW10102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW10102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0044	mg/L			
TMW10102009	10/19/2009	ZINC	7440-66-	0.01	0.00123	0.0028	mg/L	J	T	J
TMW10102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0027	mg/L	J	T	J
TMW10102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0023	mg/L			
TMW10102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW11102009	10/20/2009	SODIUM	7440-23-	50	6.16	520	mg/L			
TMW11102009	10/20/2009	CALCIUM	7440-70-	5	0.0903	15.3	mg/L			
TMW11102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	3.15	mg/L		8	J
TMW11102009	10/20/2009	IRON	7439-89-	0.3	0.00965	0.894	mg/L		8	J
TMW11102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	0.649	mg/L			
TMW11102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	0.596	mg/L		8	J
TMW11102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW11102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0284	mg/L			
TMW11102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0241	mg/L			
TMW11102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0240	mg/L			
TMW11102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0203	mg/L			
TMW11102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW11102009	10/20/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0068	mg/L	J	T	J
TMW11102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW11102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0059	mg/L			
TMW11102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW11102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW11102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW11102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW11102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW11102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW11102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW11102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0006	mg/L	J	T	J
TMW13102009	10/22/2009	SODIUM	7440-23-	50	6.16	557	mg/L			
TMW13102009	10/22/2009	CALCIUM	7440-70-	5	0.0903	26.9	mg/L			
TMW13102009	10/22/2009	MAGNESIUM	7439-95-	0.5	0.00854	5.04	mg/L		8	J

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW13102009	10/22/2009	POTASSIUM	7440-09-	0.5	0.0563	0.436	mg/L	J	T	J
TMW13102009	10/22/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW13102009	10/22/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0528	mg/L		7,8	UJ
TMW13102009	10/22/2009	IRON	7439-89-	0.3	0.00965	0.0508	mg/L	J	7,8	UJ
TMW13102009	10/22/2009	BARIUM	7440-39-	0.003	0.00024	0.0164	mg/L			
TMW13102009	10/22/2009	SELENIUM	7782-49-	0.01	0.00561	0.0099	mg/L	J	T	J
TMW13102009	10/22/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0093	mg/L	J	T	J
TMW13102009	10/22/2009	ARSENIC	7440-38-	0.005	0.00443	0.0068	mg/L			
TMW13102009	10/22/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW13102009	10/22/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW13102009	10/22/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW13102009	10/22/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW13102009	10/22/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW13102009	10/22/2009	COPPER	7440-50-	0.02	0.00207	0.0034	mg/L	J	T	J
TMW13102009	10/22/2009	ZINC	7440-66-	0.01	0.00123	0.0031	mg/L	J	7	U
TMW13102009	10/22/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW13102009	10/22/2009	MANGANESE	7439-96-	0.001	0.00034	0.0009	mg/L	J	T	J
TMW13102009	10/22/2009	SILVER	7440-22-	0.005	0.00072	0.0008	mg/L	J	T	J
TMW13102009	10/22/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0008	mg/L	J	T	J
TMW13102009	10/22/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
TMW14A10200	10/27/2009	Sodium	7440-23-	2.5	0.75	411	mg/L			
TMW14A10200	10/27/2009	SODIUM	7440-23-	50	6.16	398	mg/L			
TMW14A10200	10/27/2009	Calcium	7440-70-	0.1	0.03	3.5	mg/L			
TMW14A10200	10/27/2009	CALCIUM	7440-70-	0.5	0.00903	3.41	mg/L			
TMW14A10200	10/27/2009	POTASSIUM	7440-09-	0.5	0.0563	0.533	mg/L			
TMW14A10200	10/27/2009	Potassium	7440-09-	0.05	0.006	0.52	mg/L			
TMW14A10200	10/27/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.516	mg/L			
TMW14A10200	10/27/2009	Magnesium	7439-95-	0.04	0.003	0.42	mg/L			
TMW14A10200	10/27/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW14A10200	10/27/2009	Iron	7439-89-	0.04	0.0136	0.19	mg/L			
TMW14A10200	10/27/2009	IRON	7439-89-	0.3	0.00965	0.130	mg/L	J	7	U
TMW14A10200	10/27/2009	Aluminum	7429-90-	0.02	0.001	0.098	mg/L			
TMW14A10200	10/27/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0846	mg/L		7	U
TMW14A10200	10/27/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.075	ug/L	J	8,T	J
TMW14A10200	10/27/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW14A10200	10/27/2009	Barium	7440-39-	5E-04	0.00004	0.020	mg/L			
TMW14A10200	10/27/2009	BARIUM	7440-39-	0.003	0.00024	0.0184	mg/L			
TMW14A10200	10/27/2009	Manganese	7439-96-	5E-04	0.00006	0.015	mg/L			
TMW14A10200	10/27/2009	MANGANESE	7439-96-	0.001	0.00034	0.0149	mg/L			
TMW14A10200	10/27/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW14A10200	10/27/2009	Zinc	7440-66-	0.02	0.0023	0.0096	mg/L	J	T	J
TMW14A10200	10/27/2009	ZINC	7440-66-	0.01	0.00123	0.0062	mg/L	J	T	J
TMW14A10200	10/27/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW14A10200	10/27/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW14A10200	10/27/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW14A10200	10/27/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW14A10200	10/27/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW14A10200	10/27/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW14A10200	10/27/2009	ARSENIC	7440-38-	0.005	0.00443	0.0045	mg/L	J	T	J
TMW14A10200	10/27/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0031	mg/L	J	T	J
TMW14A10200	10/27/2009	Copper	7440-50-	5E-04	0.0003	0.0023	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW14A10200	10/27/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW14A10200	10/27/2009	Selenium	7782-49-	0.001	0.0001	0.001	mg/L	U		
TMW14A10200	10/27/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW14A10200	10/27/2009	Arsenic	7440-38-	2E-04	0.00009	0.0008	mg/L			
TMW14A10200	10/27/2009	Nickel	7440-02-	5E-04	0.00016	0.0007	mg/L			
TMW14A10200	10/27/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0005	mg/L	J	T	J
TMW14A10200	10/27/2009	Cobalt	7440-48-	5E-04	0.00003	0.0005	mg/L	U		
TMW14A10200	10/27/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.0002	mg/L	J	T	J
TMW14A10200	10/27/2009	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Thallium	7440-28-	2E-04	0.00001	0.0002	mg/L	U		
TMW14A10200	10/27/2009	Chromium	7440-47-	5E-04	0.00004	0.0001	mg/L	J	T	J
TMW15102009	10/26/2009	Sodium	7440-23-	4	1.2	537	mg/L			
TMW15102009	10/26/2009	SODIUM	7440-23-	50	6.16	502	mg/L			
TMW15102009	10/26/2009	Calcium	7440-70-	0.1	0.03	21.9	mg/L			
TMW15102009	10/26/2009	CALCIUM	7440-70-	5	0.0903	15.7	mg/L			
TMW15102009	10/26/2009	Magnesium	7439-95-	0.04	0.003	4.0	mg/L			
TMW15102009	10/26/2009	MAGNESIUM	7439-95-	0.5	0.00854	3.63	mg/L			
TMW15102009	10/26/2009	POTASSIUM	7440-09-	0.5	0.0563	0.497	mg/L	J	T	J
TMW15102009	10/26/2009	Potassium	7440-09-	0.05	0.006	0.43	mg/L			
TMW15102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.06	0.2	ug/L	U		
TMW15102009	10/26/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW15102009	10/26/2009	IRON	7439-89-	0.3	0.00965	0.0713	mg/L	J	7	U
TMW15102009	10/26/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0500	mg/L	U		
TMW15102009	10/26/2009	Zinc	7440-66-	0.02	0.0023	0.041	mg/L			
TMW15102009	10/26/2009	Iron	7439-89-	0.04	0.0136	0.040	mg/L	U		
TMW15102009	10/26/2009	ZINC	7440-66-	0.01	0.00123	0.0370	mg/L			
TMW15102009	10/26/2009	Aluminum	7429-90-	0.02	0.001	0.028	mg/L			
TMW15102009	10/26/2009	Barium	7440-39-	5E-04	0.00004	0.024	mg/L			
TMW15102009	10/26/2009	BARIUM	7440-39-	0.003	0.00024	0.0204	mg/L			
TMW15102009	10/26/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW15102009	10/26/2009	SELENIUM	7782-49-	0.01	0.00561	0.0138	mg/L			
TMW15102009	10/26/2009	Selenium	7782-49-	0.001	0.0001	0.0098	mg/L			
TMW15102009	10/26/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0074	mg/L	J	T	J
TMW15102009	10/26/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW15102009	10/26/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW15102009	10/26/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW15102009	10/26/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW15102009	10/26/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW15102009	10/26/2009	Manganese	7439-96-	5E-04	0.00006	0.0043	mg/L			
TMW15102009	10/26/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0034	mg/L	J	T	J
TMW15102009	10/26/2009	MANGANESE	7439-96-	0.001	0.00034	0.0021	mg/L			
TMW15102009	10/26/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW15102009	10/26/2009	Vanadium, Metallic	7440-62-	5E-04	0.00007	0.0016	mg/L			
TMW15102009	10/26/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0014	mg/L	J	T	J
TMW15102009	10/26/2009	CADMIUM	7440-43-	0.005	0.00043	0.0011	mg/L	J	T	J
TMW15102009	10/26/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW15102009	10/26/2009	Chromium	7440-47-	5E-04	0.00004	0.0007	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW15102009	10/26/2009	Cobalt	7440-48-	5E-04	0.00003	0.0005	mg/L	U		
TMW15102009	10/26/2009	Nickel	7440-02-	5E-04	0.00016	0.0004	mg/L	J	T	J
TMW15102009	10/26/2009	Copper	7440-50-	5E-04	0.0003	0.0003	mg/L	J	T	J
TMW15102009	10/26/2009	Lead	7439-92-	2E-04	0.00011	0.0002	mg/L	U		
TMW15102009	10/26/2009	Beryllium and compounds	7440-41-	2E-04	0.00004	0.0002	mg/L	U		
TMW15102009	10/26/2009	Silver	7440-22-	2E-04	0.00003	0.0002	mg/L	U		
TMW15102009	10/26/2009	Cadmium	7440-43-	2E-04	0.00002	0.0002	mg/L	U		
TMW15102009	10/26/2009	Antimony and compounds	7440-36-	2E-04	0.00001	0.0002	mg/L	U		
TMW15102009	10/26/2009	Thallium	7440-28-	2E-04	0.00001	0.0002	mg/L	U		
TMW15102009	10/26/2009	Arsenic	7440-38-	2E-04	0.00009	0.0001	mg/L	J	T	J
TMW16102009	10/20/2009	SODIUM	7440-23-	50	6.16	421	mg/L			
TMW16102009	10/20/2009	CALCIUM	7440-70-	0.5	0.00903	4.82	mg/L			
TMW16102009	10/20/2009	ALUMINUM	7429-90-	0.05	0.0158	3.91	mg/L		8	J
TMW16102009	10/20/2009	IRON	7439-89-	0.3	0.00965	1.69	mg/L		8	J
TMW16102009	10/20/2009	MAGNESIUM	7439-95-	0.5	0.00854	1.61	mg/L		8	J
TMW16102009	10/20/2009	POTASSIUM	7440-09-	0.5	0.0563	1.21	mg/L			
TMW16102009	10/20/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW16102009	10/20/2009	MANGANESE	7439-96-	0.001	0.00034	0.0572	mg/L			
TMW16102009	10/20/2009	BARIUM	7440-39-	0.003	0.00024	0.0459	mg/L			
TMW16102009	10/20/2009	ZINC	7440-66-	0.01	0.00123	0.0251	mg/L			
TMW16102009	10/20/2009	NICKEL	7440-02-	0.002	0.00071	0.0174	mg/L			
TMW16102009	10/20/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0106	mg/L			
TMW16102009	10/20/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW16102009	10/20/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0066	mg/L			
TMW16102009	10/20/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW16102009	10/20/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW16102009	10/20/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW16102009	10/20/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW16102009	10/20/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW16102009	10/20/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW16102009	10/20/2009	COPPER	7440-50-	0.02	0.00207	0.0026	mg/L	J	T	J
TMW16102009	10/20/2009	SILVER	7440-22-	0.005	0.00072	0.0008	mg/L	J	T	J
TMW16102009	10/20/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW17102009	10/23/2009	SODIUM	7440-23-	50	6.16	414	mg/L			
TMW17102009	10/23/2009	CALCIUM	7440-70-	0.5	0.00903	3.59	mg/L			
TMW17102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	0.757	mg/L			
TMW17102009	10/23/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.572	mg/L			
TMW17102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.380	mg/L			
TMW17102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.247	mg/L	J	7	U
TMW17102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW17102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0367	mg/L			
TMW17102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0174	mg/L			
TMW17102009	10/23/2009	MANGANESE	7439-96-	0.001	0.00034	0.0161	mg/L			
TMW17102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW17102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0062	mg/L	J	T	J
TMW17102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW17102009	10/23/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0056	mg/L	J	T	J
TMW17102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW17102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW17102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW17102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW17102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0046	mg/L	J	T	J
TMW17102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0022	mg/L			
TMW17102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW17102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW17102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0007	mg/L	J	T	J
TMW18102009	10/23/2009	SODIUM	7440-23-	50	6.16	657	mg/L			
TMW18102009	10/23/2009	CALCIUM	7440-70-	0.5	0.00903	8.02	mg/L			
TMW18102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	5.48	mg/L			
TMW18102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.950	mg/L			
TMW18102009	10/23/2009	MAGNESIUM	7439-95-	0.5	0.00854	0.757	mg/L			
TMW18102009	10/23/2009	IRON	7439-89-	0.3	0.00965	0.514	mg/L			
TMW18102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW18102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0329	mg/L			
TMW18102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0314	mg/L			
TMW18102009	10/23/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0298	mg/L			
TMW18102009	10/23/2009	MANGANESE	7439-96-	0.001	0.00034	0.0164	mg/L			
TMW18102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW18102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW18102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW18102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW18102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW18102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW18102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW18102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0037	mg/L			
TMW18102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0033	mg/L	J	T	J
TMW18102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0032	mg/L	J	T	J
TMW18102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0016	mg/L	J	T	J
TMW18102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW19102009	10/23/2009 9:00	SODIUM	7440-23-	50	6.16	631	mg/L			
TMW19102009	10/23/2009 9:00	CALCIUM	7440-70-	5	0.0903	10.6	mg/L			
TMW19102009	10/23/2009 9:00	ALUMINUM	7429-90-	0.05	0.0158	2.05	mg/L			
TMW19102009	10/23/2009 9:00	MAGNESIUM	7439-95-	0.5	0.00854	1.86	mg/L			
TMW19102009	10/23/2009 9:00	POTASSIUM	7440-09-	0.5	0.0563	1.29	mg/L			
TMW19102009	10/23/2009 9:00	IRON	7439-89-	0.3	0.00965	1.08	mg/L			
TMW19102009	10/23/2009 9:00	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW19102009	10/23/2009 9:00	MANGANESE	7439-96-	0.001	0.00034	0.0624	mg/L			
TMW19102009	10/23/2009 9:00	BARIUM	7440-39-	0.003	0.00024	0.0189	mg/L			
TMW19102009	10/23/2009 9:00	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW19102009	10/23/2009 9:00	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0096	mg/L	J	T	J
TMW19102009	10/23/2009 9:00	NICKEL	7440-02-	0.002	0.00071	0.0081	mg/L			
TMW19102009	10/23/2009 9:00	ZINC	7440-66-	0.01	0.00123	0.0072	mg/L	J	T	J
TMW19102009	10/23/2009 9:00	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW19102009	10/23/2009 9:00	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW19102009	10/23/2009 9:00	THALLIUM	7440-28-	0.005	0.0026	0.0037	mg/L	J	T	J
TMW19102009	10/23/2009 9:00	COPPER	7440-50-	0.02	0.00207	0.0029	mg/L	J	T	J
TMW19102009	10/23/2009 9:00	CHROMIUM	7440-47-	0.002	0.0005	0.0028	mg/L			
TMW19102009	10/23/2009 9:00	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW21102009	10/24/2009	SODIUM	7440-23-	50	6.16	570	mg/L			
TMW21102009	10/24/2009	CALCIUM	7440-70-	5	0.0903	34.1	mg/L			
TMW21102009	10/24/2009	MAGNESIUM	7439-95-	0.5	0.00854	8.86	mg/L			
TMW21102009	10/24/2009	ALUMINUM	7429-90-	0.05	0.0158	4.19	mg/L			
TMW21102009	10/24/2009	IRON	7439-89-	0.3	0.00965	2.59	mg/L			
TMW21102009	10/24/2009	POTASSIUM	7440-09-	0.5	0.0563	1.47	mg/L			
TMW21102009	10/24/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW21102009	10/24/2009	MANGANESE	7439-96-	0.001	0.00034	0.181	mg/L			
TMW21102009	10/24/2009	COPPER	7440-50-	0.02	0.00207	0.171	mg/L			
TMW21102009	10/24/2009	BARIUM	7440-39-	0.003	0.00024	0.0615	mg/L			
TMW21102009	10/24/2009	ZINC	7440-66-	0.01	0.00123	0.0209	mg/L			
TMW21102009	10/24/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0153	mg/L			
TMW21102009	10/24/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW21102009	10/24/2009	NICKEL	7440-02-	0.002	0.00071	0.0067	mg/L			
TMW21102009	10/24/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW21102009	10/24/2009	SILVER	7440-22-	0.005	0.00072	0.0053	mg/L			
TMW21102009	10/24/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW21102009	10/24/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW21102009	10/24/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW21102009	10/24/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW21102009	10/24/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0029	mg/L			
TMW21102009	10/24/2009	COBALT	7440-48-	0.005	0.00025	0.0015	mg/L	J	7	U
TMW21102009	10/24/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW22102009	10/19/2009 9:00	SODIUM	7440-23-	50	6.16	826	mg/L			
TMW22102009	10/19/2009 9:00	CALCIUM	7440-70-	50	0.903	113	mg/L			
TMW22102009	10/19/2009 9:00	ALUMINUM	7429-90-	0.5	0.158	66.2	mg/L			
TMW22102009	10/19/2009 9:00	IRON	7439-89-	3	0.0965	35.0	mg/L			
TMW22102009	10/19/2009 9:00	MAGNESIUM	7439-95-	5	0.0854	33.1	mg/L			
TMW22102009	10/19/2009 9:00	POTASSIUM	7440-09-	5	0.563	9.02	mg/L			
TMW22102009	10/19/2009 9:00	BARIUM	7440-39-	0.03	0.0024	1.53	mg/L			
TMW22102009	10/19/2009 9:00	MANGANESE	7439-96-	0.01	0.0034	1.43	mg/L			
TMW22102009	10/19/2009 9:00	ZINC	7440-66-	0.1	0.0123	0.252	mg/L			
TMW22102009	10/19/2009 9:00	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW22102009	10/19/2009 9:00	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0819	mg/L			
TMW22102009	10/19/2009 9:00	CHROMIUM	7440-47-	0.002	0.0005	0.0425	mg/L			
TMW22102009	10/19/2009 9:00	NICKEL	7440-02-	0.002	0.00071	0.0420	mg/L			
TMW22102009	10/19/2009 9:00	COPPER	7440-50-	0.02	0.00207	0.0190	mg/L	J	T	J
TMW22102009	10/19/2009 9:00	COBALT	7440-48-	0.005	0.00025	0.0182	mg/L			
TMW22102009	10/19/2009 9:00	LEAD	7439-92-	0.005	0.00183	0.0165	mg/L			
TMW22102009	10/19/2009 9:00	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW22102009	10/19/2009 9:00	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW22102009	10/19/2009 9:00	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW22102009	10/19/2009 9:00	Beryllium and compounds	7440-41-	0.001	0.00005	0.0038	mg/L			
TMW22102009	10/19/2009 9:00	CADMIUM	7440-43-	0.005	0.00043	0.0020	mg/L	J	T	J
TMW23102009	10/19/2009	SODIUM	7440-23-	50	6.16	815	mg/L			
TMW23102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	46.7	mg/L			
TMW23102009	10/19/2009	ALUMINUM	7429-90-	0.5	0.158	16.8	mg/L			
TMW23102009	10/19/2009	IRON	7439-89-	3	0.0965	11.3	mg/L			
TMW23102009	10/19/2009	MAGNESIUM	7439-95-	5	0.0854	10.4	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW23102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	3.70	mg/L			
TMW23102009	10/19/2009	MANGANESE	7439-96-	0.01	0.0034	0.600	mg/L			
TMW23102009	10/19/2009	BARIUM	7440-39-	0.03	0.0024	0.344	mg/L			
TMW23102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW23102009	10/19/2009	ZINC	7440-66-	0.01	0.00123	0.0471	mg/L			
TMW23102009	10/19/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0348	mg/L			
TMW23102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0161	mg/L			
TMW23102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0148	mg/L			
TMW23102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0101	mg/L	J	T	J
TMW23102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW23102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0084	mg/L			
TMW23102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0072	mg/L			
TMW23102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0066	mg/L			
TMW23102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0050	mg/L	U		
TMW23102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW23102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW23102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW23102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0013	mg/L			
TMW24102009	10/19/2009	SODIUM	7440-23-	50	6.16	901	mg/L			
TMW24102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	27.8	mg/L			
TMW24102009	10/19/2009	MAGNESIUM	7439-95-	0.5	0.00854	8.21	mg/L			
TMW24102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	0.585	mg/L			
TMW24102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW24102009	10/19/2009	MANGANESE	7439-96-	0.001	0.00034	0.150	mg/L			
TMW24102009	10/19/2009	IRON	7439-89-	0.3	0.00965	0.0603	mg/L	J	7	U
TMW24102009	10/19/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0397	mg/L	J	7	U
TMW24102009	10/19/2009	BARIUM	7440-39-	0.003	0.00024	0.0377	mg/L			
TMW24102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW24102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW24102009	10/19/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0099	mg/L	J	T	J
TMW24102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0090	mg/L			
TMW24102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0065	mg/L			
TMW24102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW24102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW24102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW24102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW24102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW24102009	10/19/2009	ZINC	7440-66-	0.01	0.00123	0.0047	mg/L	J	T	J
TMW24102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0027	mg/L			
TMW24102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW24102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW25102009	10/23/2009	SODIUM	7440-23-	50	6.16	858	mg/L			
TMW25102009	10/23/2009	CALCIUM	7440-70-	5	0.0903	56.2	mg/L			
TMW25102009	10/23/2009	MAGNESIUM	7439-95-	5	0.0854	12.5	mg/L			
TMW25102009	10/23/2009	IRON	7439-89-	0.3	0.00965	1.59	mg/L			
TMW25102009	10/23/2009	POTASSIUM	7440-09-	0.5	0.0563	0.312	mg/L	J	T	J
TMW25102009	10/23/2009	MANGANESE	7439-96-	0.01	0.0034	0.226	mg/L			
TMW25102009	10/23/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW25102009	10/23/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0988	mg/L		7	U
TMW25102009	10/23/2009	ZINC	7440-66-	0.01	0.00123	0.0382	mg/L			
TMW25102009	10/23/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0171	mg/L			

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW25102009	10/23/2009	BARIUM	7440-39-	0.003	0.00024	0.0141	mg/L			
TMW25102009	10/23/2009	SELENIUM	7782-49-	0.01	0.00561	0.0080	mg/L	J	T	J
TMW25102009	10/23/2009	ARSENIC	7440-38-	0.005	0.00443	0.0071	mg/L			
TMW25102009	10/23/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW25102009	10/23/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW25102009	10/23/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW25102009	10/23/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW25102009	10/23/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW25102009	10/23/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW25102009	10/23/2009	COPPER	7440-50-	0.02	0.00207	0.0031	mg/L	J	T	J
TMW25102009	10/23/2009	NICKEL	7440-02-	0.002	0.00071	0.0028	mg/L			
TMW25102009	10/23/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW25102009	10/23/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW26102009	10/17/2009	SODIUM	7440-23-	50	6.16	843	mg/L			
TMW26102009	10/17/2009	CALCIUM	7440-70-	5	0.0903	17.1	mg/L			
TMW26102009	10/17/2009	MAGNESIUM	7439-95-	0.5	0.00854	7.18	mg/L			
TMW26102009	10/17/2009	ALUMINUM	7429-90-	0.05	0.0158	1.15	mg/L			
TMW26102009	10/17/2009	POTASSIUM	7440-09-	0.5	0.0563	0.708	mg/L			
TMW26102009	10/17/2009	IRON	7439-89-	0.3	0.00965	0.608	mg/L			
TMW26102009	10/17/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW26102009	10/17/2009	MANGANESE	7439-96-	0.001	0.00034	0.110	mg/L			
TMW26102009	10/17/2009	BARIUM	7440-39-	0.003	0.00024	0.0366	mg/L			
TMW26102009	10/17/2009	ZINC	7440-66-	0.01	0.00123	0.0123	mg/L			
TMW26102009	10/17/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0117	mg/L			
TMW26102009	10/17/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0107	mg/L			
TMW26102009	10/17/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW26102009	10/17/2009	ARSENIC	7440-38-	0.005	0.00443	0.0061	mg/L			
TMW26102009	10/17/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW26102009	10/17/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW26102009	10/17/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW26102009	10/17/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW26102009	10/17/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW26102009	10/17/2009	COPPER	7440-50-	0.02	0.00207	0.0038	mg/L	J	T	J
TMW26102009	10/17/2009	NICKEL	7440-02-	0.002	0.00071	0.0036	mg/L			
TMW26102009	10/17/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0008	mg/L	J	T	J
TMW26102009	10/17/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0001	mg/L	J	7	U
TMW27102009	10/24/2009	SODIUM	7440-23-	50	6.16	322	mg/L			
TMW27102009	10/24/2009	CALCIUM	7440-70-	5	0.0903	24.0	mg/L			
TMW27102009	10/24/2009	MAGNESIUM	7439-95-	0.5	0.00854	6.61	mg/L			
TMW27102009	10/24/2009	IRON	7439-89-	0.3	0.00965	0.825	mg/L			
TMW27102009	10/24/2009	MANGANESE	7439-96-	0.01	0.0034	0.575	mg/L			
TMW27102009	10/24/2009	POTASSIUM	7440-09-	0.5	0.0563	0.498	mg/L	J	T	J
TMW27102009	10/24/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW27102009	10/24/2009	BARIUM	7440-39-	0.003	0.00024	0.130	mg/L			
TMW27102009	10/24/2009	ZINC	7440-66-	0.01	0.00123	0.0490	mg/L			
TMW27102009	10/24/2009	ALUMINUM	7429-90-	0.05	0.0158	0.0375	mg/L	J	7	U
TMW27102009	10/24/2009	ARSENIC	7440-38-	0.005	0.00443	0.0285	mg/L			
TMW27102009	10/24/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW27102009	10/24/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW27102009	10/24/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0067	mg/L	J	T	J
TMW27102009	10/24/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW27102009	10/24/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW27102009	10/24/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW27102009	10/24/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW27102009	10/24/2009	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		
TMW27102009	10/24/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW27102009	10/24/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW27102009	10/24/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW27102009	10/24/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0010	mg/L	U		
TMW28102009	10/19/2009	SODIUM	7440-23-	50	6.16	319	mg/L			
TMW28102009	10/19/2009	CALCIUM	7440-70-	5	0.0903	41.8	mg/L			
TMW28102009	10/19/2009	MAGNESIUM	7439-95-	5	0.0854	15.3	mg/L			
TMW28102009	10/19/2009	POTASSIUM	7440-09-	0.5	0.0563	1.20	mg/L			
TMW28102009	10/19/2009	IRON	7439-89-	0.3	0.00965	1.13	mg/L			
TMW28102009	10/19/2009	ZINC	7440-66-	0.1	0.0123	0.922	mg/L			
TMW28102009	10/19/2009	ALUMINUM	7429-90-	0.05	0.0158	0.260	mg/L			
TMW28102009	10/19/2009	MANGANESE	7439-96-	0.01	0.0034	0.241	mg/L			
TMW28102009	10/19/2009	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW28102009	10/19/2009	BARIUM	7440-39-	0.003	0.00024	0.0534	mg/L			
TMW28102009	10/19/2009	COPPER	7440-50-	0.02	0.00207	0.0200	mg/L	U		
TMW28102009	10/19/2009	SELENIUM	7782-49-	0.01	0.00561	0.0100	mg/L	U		
TMW28102009	10/19/2009	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0081	mg/L	J	T	J
TMW28102009	10/19/2009	ARSENIC	7440-38-	0.005	0.00443	0.0068	mg/L			
TMW28102009	10/19/2009	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW28102009	10/19/2009	LEAD	7439-92-	0.005	0.00183	0.0050	mg/L	U		
TMW28102009	10/19/2009	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW28102009	10/19/2009	COBALT	7440-48-	0.005	0.00025	0.0050	mg/L	U		
TMW28102009	10/19/2009	Antimony and compounds	7440-36-	0.006	0.00337	0.0039	mg/L	J	T	J
TMW28102009	10/19/2009	NICKEL	7440-02-	0.002	0.00071	0.0020	mg/L	U		
TMW28102009	10/19/2009	CHROMIUM	7440-47-	0.002	0.0005	0.0020	mg/L	U		
TMW28102009	10/19/2009	CADMIUM	7440-43-	0.005	0.00043	0.0016	mg/L	J	T	J
TMW28102009	10/19/2009	Beryllium and compounds	7440-41-	0.001	0.00005	0.0000	mg/L	J	7	U
TMW29102009	10/20/2009 9:00	SODIUM	7440-23-	50	6.16	566	mg/L			
TMW29102009	10/20/2009 9:00	CALCIUM	7440-70-	5	0.0903	60.4	mg/L			
TMW29102009	10/20/2009 9:00	ALUMINUM	7429-90-	0.5	0.158	48.7	mg/L		8	J
TMW29102009	10/20/2009 9:00	MAGNESIUM	7439-95-	5	0.0854	17.0	mg/L		8	J
TMW29102009	10/20/2009 9:00	IRON	7439-89-	0.3	0.00965	8.50	mg/L		8	J
TMW29102009	10/20/2009 9:00	POTASSIUM	7440-09-	0.5	0.0563	3.68	mg/L			
TMW29102009	10/20/2009 9:00	MANGANESE	7439-96-	0.01	0.0034	0.347	mg/L			
TMW29102009	10/20/2009 9:00	BARIUM	7440-39-	0.03	0.0024	0.254	mg/L			
TMW29102009	10/20/2009 9:00	Mercury (elemental)	7439-97-	0.2	0.05	0.200	ug/L	U		
TMW29102009	10/20/2009 9:00	ZINC	7440-66-	0.01	0.00123	0.0410	mg/L			
TMW29102009	10/20/2009 9:00	Vanadium, Metallic	7440-62-	0.01	0.0011	0.0342	mg/L			
TMW29102009	10/20/2009 9:00	SELENIUM	7782-49-	0.01	0.00561	0.0192	mg/L			
TMW29102009	10/20/2009 9:00	NICKEL	7440-02-	0.002	0.00071	0.0157	mg/L			
TMW29102009	10/20/2009 9:00	CHROMIUM	7440-47-	0.002	0.0005	0.0118	mg/L			
TMW29102009	10/20/2009 9:00	COBALT	7440-48-	0.005	0.00025	0.0065	mg/L			
TMW29102009	10/20/2009 9:00	COPPER	7440-50-	0.02	0.00207	0.0064	mg/L	J	T	J
TMW29102009	10/20/2009 9:00	Antimony and compounds	7440-36-	0.006	0.00337	0.0060	mg/L	U		
TMW29102009	10/20/2009 9:00	THALLIUM	7440-28-	0.005	0.0026	0.0050	mg/L	U		
TMW29102009	10/20/2009 9:00	SILVER	7440-22-	0.005	0.00072	0.0050	mg/L	U		
TMW29102009	10/20/2009 9:00	CADMIUM	7440-43-	0.005	0.00043	0.0050	mg/L	U		

APPENDIX A3: ALL TOTAL METALS RESULTS (METHOD 6010)

Sample ID	Sample Date	Analyte	CASRN	RL	DL	Result	Units	Lab Flag	V Flag	Final Flaq
TMW29102009	10/20/2009 9:00	ARSENIC	7440-38-	0.005	0.00443	0.0045	mg/L	J	T	J
TMW29102009	10/20/2009 9:00	LEAD	7439-92-	0.005	0.00183	0.0037	mg/L	J	T	J
TMW29102009	10/20/2009 9:00	Beryllium and compounds	7	0.001	0.00005	3	mg/L	J	T	J