



**TABLE 2A: SUMMARY OF ONSITE GROUNDWATER METALS ANALYSES**

Battlefield Golf Club at Centerville  
 1001 Centerville Turnpike  
 Chesapeake, VA 23322

Sample I.D. No.	Sample Date	Aluminum [Al]	Antimony [Sb]	Arsenic [As]	Barium [Ba]	Beryllium [Be]	Boron [B]	Cadmium [Cd]	Chromium [Cr]	Cobalt [Co]	Copper [Cu]	Iron [Fe]	Lead [Pb]	Magnesium [Mg]	Manganese [Mn]	Mercury [Hg]	Molybdenum [Mo]	Nickel [Ni]	Selenium [Se]	Silver [Ag]	Thallium [Tl]	Vanadium [V]	Zinc [Zn]
MW-#	mo/dy/yr	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	05/20/08	86,700	MDL	64.6	284	3.80	113	MDL	187	76.0	9.60	157,000	67.9	31,000	1,330	0.23	MDL	166	MDL	MDL	MDL	232	510
MW-1	07/14/08	26,800	MDL	22.7	110	0.90	37.7	MDL	58.4	33.9	5.70	48,100	26.3	19,100	416	MDL	MDL	80.2	MDL	MDL	MDL	72.4	235
MW-2	05/20/08	99,200	MDL	79.8	444	3.40	75.2	MDL	231	90.3	33.0	175,000	78.7	41,500	1,300	0.24	MDL	204	MDL	MDL	MDL	297	491
MW-2	07/14/08	16,100	MDL	21.0	94.1	MDL	40.1	MDL	34.2	22.0	4.40	32,600	15.3	22,200	284	MDL	MDL	52.0	MDL	MDL	MDL	45.8	91.1
MW-3	05/20/08	130,000	MDL	103	463	5.20	75.5	MDL	302	148	44.8	229,000	106	47,700	1,540	0.31	MDL	299	MDL	MDL	MDL	384	805
MW-3	07/14/08	69,500	MDL	71.3	265	3.00	56.4	MDL	158	96.3	32.5	129,000	66.8	33,700	907	0.12	MDL	187	MDL	MDL	MDL	202	524
MW-3D	07/14/08	37,600	MDL	39.9	148	1.0	49.6	MDL	89.0	52.1	12.1	75,900	36.3	26,300	572	MDL	MDL	111	MDL	MDL	MDL	114	307
MW-3	08/25/08	12,000	BDL	BDL	82	BDL	BDL	BDL	29	28	BDL	26,000	7.0	21,000	290	BDL	9.6	35	BDL	BDL	BDL	39	130
MW-3	08/25/08	26,000	MDL	17.4	97.6	0.50	44.2	MDL	46.7	35.6	13.0	43,800	19.4	28,900	419	MDL	MDL	61.0	MDL	MDL	MDL	61.2	210

**TABLE 2B: SUMMARY OF OFFSITE GROUNDWATER METALS ANALYSES**

Sample I.D. No.	Sample Date	Aluminum [Al]	Antimony [Sb]	Arsenic [As]	Barium [Ba]	Beryllium [Be]	Boron [B]	Cadmium [Cd]	Chromium [Cr]	Cobalt [Co]	Copper [Cu]	Iron [Fe]	Lead [Pb]	Magnesium [Mg]	Manganese [Mn]	Mercury [Hg]	Molybdenum [Mo]	Nickel [Ni]	Selenium [Se]	Silver [Ag]	Thallium [Tl]	Vanadium [V]	Zinc [Zn]
MW-#	mo/dy/yr	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
FS-6	07/23/08	595	MDL	MDL	68.5	MDL	33.7	MDL	MDL	9.5	106	2950	22.0	3560	112	MDL	MDL	9.1	MDL	MDL	MDL	MDL	55.2
MW-4	07/23/08	5,670	MDL	MDL	33.7	8.10	17.5	MDL	MDL	132	MDL	53,600	MDL	59,400	1,190	MDL	MDL	294	MDL	MDL	MDL	MDL	485
MW-5D	07/23/08	16,100	MDL	6.0	80.7	MDL	65.9	MDL	39.5	10.6	8.40	43,400	19.9	7,760	443	MDL	MDL	25.2	MDL	MDL	MDL	41.4	138

**Notes:**

MDL Denotes the analyte is at or below the Method Detection Limit (MDL).

All data is presented in micrograms per Liter (ug/L) or parts per billion (ppb).

WW-1 is identified as surface water piped from SW-4 and collected from the onsite spigot.

Sample WW-2 is a duplicate sample of WW-1.

MW-1, MW-2 and MW-3 are screened from 2' to 22' below ground surface. The total well depth for Monitor wells MW-1, MW-2, and MW-3 is 22' below ground surface for the three onsite wells.

MW-3D is a duplicate sample of MW-3.

FS-6 sample collected at Fire (Fentress) Service Facility #6 located along Whittamore Road.

MW-4 is screened from 5' to 25' below ground surface. The total well depth for Monitor well MW-4 is 25' below ground surface.

MW-5D is screened from 55' to 65' below ground surface. The total well depth for Monitor well MW-5 is 65' below ground surface.

MW-4 and MW-5D are monitor wells located at Emerald Lakes Park along Etheridge Manor Boulevard.

All wells are constructed using 2" diameter Schedule 40 Polyvinyl Chloride (PVC) casing with 0.010 slotted screen.

Metals analyzed by EPA 6000 / 7000 Series Method.

J The reported value is between the Laboratory Method Detection Limit (MDL) and the laboratory Method Reporting Limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.

BDL denotes Below Detection Limit.

Comparative laboratory split-sample analyses performed on MW-3.