



**TABLE 3A: SUMMARY OF ONSITE WATER CLASSICAL CHEMICAL PARAMETERS**  
 Battlefield Golf Course at Centerville  
 1001 Centerville Turnpike  
 Chesapeake, VA 23322

Sample I.D. No.	Sample Date	Calcium [Ca]	Chloride	Fluoride	Nitrate/Nitrite as N	Phosphorus [P]	Potassium [K]	Sodium [Na]	Sulfate as SO <sub>4</sub>	Total Alkalinity	Total Dissolved Solids (TDS)	Total Suspended Solids (TSS)
	mo/dy/yr	(u g/L)	(mg/L)	(mg/L)	(mg/L)	(u g/L)	(u g/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
OFB	04/22/08	64.9	0.79	MDL	0.16	MDL	MDL	MDL	1.4	MDL	76	1.4
OFB	07/14/08	520	MDL	MDL	MDL	MDL	MDL	MDL	MDL	4.3	14	5.0
OFE	04/23/08	19,600	18	0.38	0.30	0.14	3,960	9,840	31	25	240	57
OFE	07/14/08	16,800	18	0.35	0.030	0.15	3,600	8,180	25	32	140	12
OFS	04/22/08	50,400	320	0.29	0.079	MDL	25,500	146,000	150	MDL	670	8.6
OFS	07/14/08	47,000	270	0.24	0.060	0.062	26,900	143,000	160	MDL	670	1.5
SW-1	04/22/08	23,800	52	0.16	0.38	MDL	6,350	21,500	34	19	210	11
SW-2	04/22/08	32,400	54	0.31	0.10	MDL	5,550	23,600	61	30	250	19
SW-3	04/22/08	49,000	290	0.32	0.083	MDL	25,200	143,000	160	MDL	690	7.2
SW-5	04/22/08	55,100	34	0.45	0.036	MDL	4,780	17,000	140	51	340	7
SW-6	04/23/08	18,500	17	0.30	0.33	MDL	4,990	8,550	18	26	280	20
SW-7	04/23/08	19,500	18	0.36	0.33	0.098	4,060	9,520	32	25	220	37
SW-7	07/14/08	17,200	17	0.34	MDL	0.095	3,670	8,440	26	28	120	5.8
SW-8	04/23/08	7,730	4.6	0.29	0.17	0.29	2,820	2,860	4.7	11	350	23
SW-9	04/23/08	7,240	5.6	0.19	0.085	0.18	2,050	2,700	5.5	20	130	83
SW-0	04/22/08	37,800	260	0.18	0.062	MDL	23,100	123,000	98	MDL	550	22
SW-4	04/22/08	38,600	250	0.24	0.064	MDL	24,400	128,000	90	MDL	530	20
SW-4	07/14/08	48,400	270	0.23	0.056	MDL	27,500	147,000	150	MDL	630	1.7
WW-1	05/20/08	33,200	40	0.28	0.37	MDL	5,210	21,600	64	120	230	3.6
WW-1	07/14/08	32,600	55	0.31	MDL	0.069	5,690	22,500	55	31	240	4.0
WW-2	05/20/08	33,600	39	0.29	0.37	MDL	5,400	21,500	64	45	240	3.1
MW-1	05/20/08	47,800	49	0.15	0.14	1.6	9,140	15,100	76	26	290	4,800
MW-1	07/14/08	23,700	20	0.16	0.079	0.75	3,980	11,900	79	31	230	660
MW-2	05/20/08	69,500	50	0.28	1.1	2.1	12,600	28,500	120	28	370	2,100
MW-2	07/14/08	58,800	36	0.26	0.19	0.99	4,350	27,300	96	89	390	180
MW-3	05/20/08	57,700	18	0.32	0.15	2.8	14,200	22,900	140	49	360	2,100
MW-3	07/14/08	56,900	44	0.40	MDL	MDL	10,500	22,700	130	61	380	2,600
MW-3D	07/14/08	59,000	44	0.40	MDL	0.93	7,380	23,400	130	66	390	1,200
MW-3	08/25/08	66,900	46	0.45	.14	.40	4,270	25,800	130	76	420	1,400
MW-3	08/25/08	54,000	45	0.31	BDL	0.50	4,500	24,000	130	87	420	560

**Notes:**

- OF-B is a field sample blank of distilled water.
- WW-1 and WW-2 are surface water samples collected from an onsite spigot piped across the site from SW-4.
- WW-2 is a duplicate sample of WW-1.
- SW-O is a duplicate sample of SW-4.
- MW-3D is a duplicate sample of MW-3.
- 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.
- EPA 6000 / 7000 Series Method used to analyze for Calcium, Potassium, and Sodium.
- SM 4500-Cl/E used to analyze for Chloride.
- EPA Method 310.2 used to analyze for Alkalinity.
- EPA Method 300.0 used to analyze for Fluoride and Sulfate as SO<sub>4</sub>.
- EPA Method 353.2 used to analyze for Nitrate/Nitrite as NO<sub>x</sub>.
- EPA Method 365.4 used to analyze for Phosphorous.
- EPA Method 160.1 used to analyze for Total Dissolved Solids (TDS).
- EPA Method 160.2 used to analyze for Total Suspended Solids (TSS).
- BDL denotes Below Detection Limit.
- "NA" denotes sample was not analyzed for that parameter.
- Comparative laboratory sample split analyses of MW-3.
- 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.