Kimley-Horn and Associates, Inc.

TABLE 1A: SUMMARY OF ONSITE SURFACE WATER 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]
SW-#	mo/dy/yr	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)	(u g/L)
OFB	04/22/08	MDL	MDL	MDL	0.3	MDL	MDL	MDL	MDL	MDL	4.20	60	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	13.8
OFB	07/14/08	253	MDL	MDL	2.60	MDL	MDL	MDL	MDL	MDL	MDL	220	MDL	85	5.6	MDL	MDL	MDL	MDL	MDL	5.3	MDL	8.7
OFE	04/23/08	9,900	MDL	2.1	79.8	MDL	50.7	MDL	12.4	MDL	1.40	6,670	3.1	6,650	24.7	MDL	MDL	6.5	MDL	MDL	MDL	15.0	46.4
OFE	07/14/08	1,490	MDL	5.2	40.9	MDL	50.6	MDL	MDL	MDL	MDL	1,420	MDL	5,460	29.6	MDL	3.1	MDL	3.6	MDL	MDL	2.3	6.2
OFS	04/22/08	7,540	MDL	MDL	100	MDL	33.4	MDL	MDL	56.6	MDL	2,350	MDL	10,400	422	MDL	MDL	46.9	MDL	MDL	MDL	MDL	89.7
OFS	07/14/08	5,820	MDL	MDL	107	MDL	40.4	MDL	MDL	49.9	MDL	1,490	MDL	9,940	391	MDL	MDL	47.3	MDL	MDL	MDL	MDL	88.5
SW-1	04/22/08	899	MDL	MDL	62.7	MDL	53.4	MDL	MDL	MDL	0.90	789	MDL	4,560	11.8	MDL	MDL	MDL	MDL	MDL	MDL	1.1	8.9
SW-2	04/22/08	2,290	MDL	MDL	68.0	MDL	46.2	MDL	MDL	MDL	MDL	1,440	MDL	8,350	15.6	MDL	MDL	3.4	MDL	MDL	MDL	2.4	6.8
SW-3	04/22/08	7,380	MDL	MDL	97.7	MDL	32.5	MDL	MDL	54.8	MDL	2,320	MDL	10,100	412	MDL	MDL	46.5	MDL	MDL	MDL	MDL	88.7
SW-5	04/22/08	244	MDL	MDL	62.5	MDL	39.6	MDL	MDL	MDL	MDL	209	MDL	20,000	136	MDL	MDL	8.4	MDL	MDL	MDL	MDL	4.1
SW-6	04/23/08	15,800	MDL	6.0	107.0	MDL	59.6	MDL	18.8	MDL	MDL	11,600	5.6	4,300	13.3	MDL	MDL	8.4	MDL	MDL	MDL	24.6	17.8
SW-7	04/23/08	9,870	MDL	MDL	79.1	MDL	50.6	MDL	11.6	MDL	0.70	6,240	2.8	6,630	12.6	MDL	MDL	6.4	MDL	MDL	MDL	14.1	15.8
SW-7	07/14/08	842	MDL	3.2	40.5	MDL	50.9	MDL	MDL	MDL	MDL	565	MDL	5,500	8.8	MDL	2.7	MDL	3.3	MDL	5.9	1.8	MDL
SW-8	04/23/08	25,100	MDL	2.6	130.0	MDL	34.2	MDL	37.1	3.3	MDL	18,200	7.0	3,780	33.2	MDL	MDL	16.0	MDL	MDL	MDL	36.9	28.5
SW-9	04/23/08	11,000	MDL	4.5	74.1	MDL	34.5	MDL	14.1	MDL	1.30	7,750	3.9	2,330	21.6	MDL	MDL	6.1	MDL	MDL	MDL	18.0	18.5
SW-0	04/22/08	3,860	MDL	MDL	86.0	MDL	38.1	MDL	MDL	32.5	MDL	2,300	2.1	7,460	279	MDL	MDL	27.4	MDL	MDL	MDL	MDL	47.1
SW-4	04/22/08	4,810	3.4	MDL	89.5	MDL	40.7	MDL	MDL	37.1	2.20	2,970	MDL	7,660	285	MDL	MDL	27.7	MDL	2.9	6.2	MDL	48.6
WW-2	05/19/08	431	MDL	MDL	67.6	MDL	48.0	MDL	MDL	MDL	1.80	459	MDL	8,700	12.3	MDL	MDL	MDL	MDL	MDL	MDL	MDL	35.5
WW-1	05/19/08	501	MDL	MDL	67.1	MDL	46.9	MDL	MDL	MDL	2.8	539	MDL	8,630	14.7	MDL	MDL	MDL	MDL	MDL	MDL	MDL	25.1
WW-1	07/14/08	107	MDL	6.8	78.7	MDL	51.1	MDL	MDL	MDL	MDL	674	MDL	8,320	182	MDL	MDL	1.9	MDL	MDL	6.2	MDL	51.4
SW-4	07/14/08	5,900	MDL	MDL	109	MDL	41.8	MDL	MDL	52.2	MDL	1,610	MDL	10,200	403	MDL	MDL	48.8	MDL	MDL	5.4	MDL	88.5

Notes:

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

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

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.

SW-O is a duplicate of SW-4.

OFE and OFS are identified as outfall samples.

OFB denotes a sample blank using distilled water.

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

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

Metals analyzed by EPA Methods 6000 and 7000 Series.