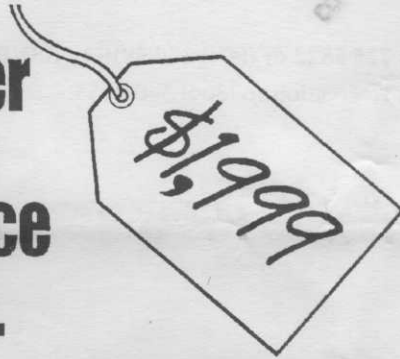


Meeting Site's for 1995

April - Fall Road Golf Course, Potomac, MD
May - Superintendent/PRO Tournament, Surburban Club, Baltimore, MD
June - Forest Park Golf Course, Baltimore, MD
July - Springfield Country Club, Springfield, VA
August - Bretton Woods Golf Club, Potomac, MD
September - Cripple Creek Country Club, Bethany Beach, DE
October - Rolling Road Country Club, Baltimore, MD.
November - Chevy Chase Club, Chevy Chase, MD
December - Turf Valley Hotel & Country Club, Ellicott City, MD

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Water Quality Continued from page 5

Nitrate levels at this well were measured at .02 MOIL. Phosphorus levels (.88 MOIL total phosphorus and 4.10 MG/L orthophosphate) were quite high.

Three wells were tested for pesticides B- 1, B-7, and B- 10. All samples provided results at levels below analytical detection levels. The chemicals tested for were Carbofuran, Carbaryl, Pendimethalin, Atrazine, Chlorothalonil, and Iprodione. Please see Table 1 for November 15, 1990, test results.

The results for the last testing to date was October 6, 1994.

After nearly five years of testing nitrate-nitrogen, (NO₃) is the primary constituent of concern at the golf course. All other testing has become analytical undetectable. Ground water samples are analyzed for nitrate-nitrogen primarily because of two reasons: the concerns of nitrogen additions to the Chesapeake Bay and its usefulness as an indicator of ground water quality conditions and movement.

The average nitrate-nitrogen concentration at the site decreased from the previous sampling event. The average concentration from all wells decreased to 3.5 MG/L in October, 1994, from 3.9 MG/L in June, 1994. Only one well, B-8, had nitrate-nitrogen concentrations above the drinking water standard. The other well which had previously been above 10.0 MG/L, B-14, dropped to 6.6 MG/L in this sampling event. B-8 has always been high. Our conclusion is that this well is located next to an active agricultural use, corn, soybean, and wheat production, since testing has started. Also, B-14, B-15, and B-16 are located in the same agricultural use until fall of 1993. This area has now been developed in an additional 9 holes of golf. We believe that test results for these wells will show a decline in the near future.

The results for the October 6, 1994, sampling and each of the past sampling results are on Table 3. Also on Figure 4 is a seasonal comparison for all wells' average.

In conclusion, I would like to point out that even though the nitrate-nitrogen testing has shown valleys and peaks, of which hopefully we can refine our fertilizer applications to level these valleys and peaks, that Queenstown Harbor Golf Links has dropped the nitrate-nitrogen levels from 5.34 MG/L in November, 1990, to October, 1994's, results of 3.51 MG/L.