

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1999 to September 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1999 to September 2004.

pH: April 1999 to September 2002.

WATER TEMPERATURE: April 1999 to September 2004.

DISSOLVED OXYGEN: April 1999 to September 2002.

DISSOLVED OXYGEN, PERCENT SATURATION: April 1999 to September 2002.

INSTRUMENTATION.-- Water-quality monitor with radio telemetry.

REMARKS.--Station operated in cooperation with Mecklenburg County Land Use and Environmental Services Agency to characterize water-quality conditions in Briar Creek basin. Dissolved oxygen, percent saturation, computed using barometric pressure of 740 mm Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--Extremes listed below may have been exceeded during periods of missing record.

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	4550, January 27, 2004	15, August 2, 2002
pH, standard units	9.3, August 8, 1999	5.7, April 27, 1999, August 2, 2002
WATER TEMPERATURE, °C	35.2, July 21, 2002	0.0, January 25, 2003
DISSOLVED OXYGEN, mg/L	17.3, February 23, 2002	0.1, November 15, 2001
DISSOLVED OXYGEN, PERCENT SATURATION,%	200, April 25, 1999	0, November 15, 2001

EXTREMES FOR CURRENT YEAR.--Extremes listed below may have been exceeded during periods of missing record.

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	4550, January 27	30, September 27
WATER TEMPERATURE, °C	32.1, July 9, 10	0.2, January 26

