

021720696 WANDO RIVER AT CAINHOY, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1992 to 1995, 2004 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): July 1992 to September 1995 (discontinued).

SPECIFIC CONDUCTANCE (MIDDLE): March 2004 to May 2005 (discontinued).

SPECIFIC CONDUCTANCE (BOTTOM): July 1992 to September 1995 (discontinued).

SALINITY (TOP): July 1992 to September 1995 (discontinued).

SALINITY (BOTTOM): July 1992 to September 1995 (discontinued).

WATER TEMPERATURE (MIDDLE): March 2004 to May 2005 (discontinued).

DISSOLVED OXYGEN (TOP): July 1992 to September 1995 (discontinued).

DISSOLVED OXYGEN (MIDDLE): March 2004 to May 2005 (discontinued).

DISSOLVED OXYGEN (BOTTOM): July 1992 to September 1995 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Middle) records rated excellent except for Oct. 15-18, Dec. 28 to Jan. 10, Feb. 9-17, Apr. 13 to May 3, which are good. Temperature (Middle) records rated excellent. Dissolved oxygen (Middle) records rated excellent except for Oct. 28, 29, Nov. 5-8, Apr. 15-20, which are good, and Apr. 21 to May 3 which are fair. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 38,500 microsiemens, Oct. 16, 1993; minimum, 5,280 microsiemens, Oct. 14, 1994.

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 38,400 microsiemens, Feb. 27, 2005; minimum, 11,100 microsiemens, Aug. 31, 2004.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 37,800 microsiemens, Oct. 15, 1993; minimum, 17,300 microsiemens, Apr. 7, 1993.

SALINITY (TOP): Maximum, 24.5 ppt, Oct. 16, 1993; minimum, 2.8 ppt, Oct. 14, 1994.

SALINITY (BOTTOM): Maximum, 24.0 ppt, Oct. 15, 1993; minimum, 10.2 ppt, Apr. 7, 1993.

WATER TEMPERATURE (MIDDLE): Maximum, 32.4°C, July 7, 2004; minimum, 7.0°C, Jan. 29-31, 2005.

DISSOLVED OXYGEN (TOP): Maximum, 13.0 mg/L, Jan. 26, 1994; minimum, 2.3 mg/L, Aug. 27, 1992.

DISSOLVED OXYGEN (MIDDLE): Maximum, 10.4 mg/L, Feb. 3, 6, 2005; minimum, 2.9 mg/L, Sep. 2, 2004.

DISSOLVED OXYGEN (BOTTOM): Maximum, 12.8 mg/L, Jan. 26, 1994; minimum, 2.3 mg/L, Aug. 5, 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 38,400 microsiemens, Feb. 27; minimum, 16,200 microsiemens, Apr. 2.

WATER TEMPERATURE (MIDDLE): Maximum, 27.4°C, Oct. 2; minimum, 7.0°C, Jan. 29-31.

DISSOLVED OXYGEN (MIDDLE): Maximum, 10.4 mg/L, Feb. 3, 6; minimum, 4.4 mg/L, Oct. 5, 6, 13, 29.

