



Water-Data Report 2009

**253334080213600 C1 CANAL AT G -3702**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°33'35.5", long 80°21'34.4" referenced to North American Datum of 1983, in SW ¼ SE ¼ NW ¼ sec.17, T.56 S., R.40 E., Miami-Dade County, FL, Hydrologic Unit 03090202, near the west bank of Black Creek (C-1), approximately 45 ft east of well G-3702 and 200 ft north of Old Culter Road, 0.22 mi east of the Florida Turnpike overpass at Old Culter Road.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--August 2009 to current year. See REMARKS.

REMARKS.--Water quality sample was collected as part of a hydrologic investigation concerning the extent and origin of saltwater in the aquifer. Additional data for this site is in the files of U.S. Geological Survey.

COOPERATION.--Miami-Dade County.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2

Date	Time	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specif- ic conduc- tance, wat unf µS/cm @ 25 degC (00095)	Temper- ature, deg C (00010)	Turbid- ity, wat unf lab, Hach 2100AN NTU (99872)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt infl pt titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)
Aug 06	1235	2.9	7.4	600	31.0	2.1	79.6	7.03	4.27	29.2	201	244	.17

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2

Date	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Barium, water, fltrd, µg/L (01005)	Iron, water, fltrd, µg/L (01046)	Stront- ium, water, fltrd, µg/L (01080)	Boron, water, fltrd, µg/L (01020)	Tritium water, unfltrd pCi/L (07000)	Uranium natural water, fltrd, µg/L (22703)
Aug 06	48.0	.24	8.36	18.3	21.1	58.5	824	49.2	8.9	1.27