



Water-Data Report 2006

380930082033101 Upper Mud River Reservoir near Palermo, WV

Guyandotte River Basin

LOCATION.--Lat 38°09'30.5", long 82°03'30.8" referenced to North American Datum of 1983, Lincoln County, WV, Hydrologic Unit is 05070102, approximately 0.4 miles downstream from the public boat access point off of CR 46.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Sampled once, April 4th, 2006.

REMARKS.--Electrofishing collections were made with assistance from West Virginia Department of Environmental Protection, Division of Water and Waste Management. Five whole body samples of bluegill (*Lepomis macrochirus*) and ovary samples from five additional bluegill were analyzed for selenium concentration and percent water.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Time	Species	Body part	Water present biota tissue dry wgt percent (49273)	Selenium, biota, tissue, rec, dry wgt ug/g (49254)
Apr					
04...	1000	Bluegill	Whole body	75	27.6
04...	1005	Bluegill	Whole body	79	35.4
04...	1010	Bluegill	Whole body	76	21.7
04...	1015	Bluegill	Whole body	77	40.1
04...	1020	Bluegill	Whole body	79	15.1
04...	1025	Bluegill	Ovaries	77	34.9
04...	1030	Bluegill	Ovaries	72	24.5
04...	1035	Bluegill	Ovaries	74	21.4
04...	1040	Bluegill	Ovaries	73	23.1
04...	1045	Bluegill	Ovaries	77	29.1