411433081330000 Cuyahoga River near Lock 29 near Peninsula, OH

Southern Lake Erie Basin
Cuyahoga Subbasin

LOCATION.--Lat 41°14′33″, long 81°33′00″ referenced to North American Datum of 1983, Summit County, OH, Hydrologic Unit 04110002.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 2008 to current year.

REMARKS.--The following table lists the results of bacteriological and physical measurements of water samples collected at one location along the Cuyahoga River in Cuyahoga Valley National Park from June 2011 through September 2011. Samples were collected to provide an estimate of fecal-indicator bacteria concentrations based on turbidity. These estimates are part of the Ohio Nowcast (www.ohionowcast.info) and furnish the public with information on the safety of the river for recreational use.

COOPERATION.--Samples were collected and analyzed by the National Park Service, Cuyahoga Valley National Park.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 411433081330000, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/411433081330000.2011.pdf

411433081330000 Cuyahoga River near Lock 29 near Peninsula, OH—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[MF, membrane filter; NTRU, nephelometric turbidity ratio unit; col/100 mL, colonies per 100 milliliters; nm, nanometers; --, no data]

Date	Sample start time	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Escherichia coli, modified m-TEC MF method, water, col/100 mL (90902)
06-13-2011	0812	14	1,000
06-18-2011	0730	10	280
06-19-2011	0715	9.7	280
06-20-2011	0741	160	20,000
06-25-2011	0710	41	2,500
06-26-2011	0727	19	1,000
06-27-2011	0722	15	450
07-02-2011	0742	19	370
07-03-2011	0701	990	--
07-07-2011	1015	11	240
07-09-2011	0717	12	330
07-10-2011	0729	8.2	210
07-11-2011	0715	7.9	210
07-16-2011	0725	7.6	260
07-17-2011	0726	7.6	190
07-18-2011	0709	7.1	110
07-23-2011	0726	62	1,100
07-24-2011	0727	350	3,400
07-25-2011	0733	28	330
07-30-2011	0736	18	270
07-31-2011	0725	15	190
08-01-2011	0723	15	120
08-06-2011	0729	14	290
08-07-2011	0728	53	350
08-08-2011	0732	16	290
08-13-2011	0724	14	120
08-14-2011	0728	12	270
08-15-2011	0720	--	28,000
08-20-2011	0725	17	320
08-21-2011	0713	15	280
08-22-2011	0716	20	--
08-27-2011	0726	15	390
08-28-2011	0736	13	270
08-29-2011	0730	15	390
09-03-2011	0726	11	160
09-10-2011	0730	25	850
09-11-2011	0726	90	3,100
09-17-2011	0726	18	280
09-18-2011	0723	14	200
09-19-2011	0725	14	200