

**Ohio EPA 2004 Integrated Report Appendix D.2
Watershed Assessment Unit (WAU) Summaries**

HUC11 **WAU Description** **WAU Size (mi²): 145.1**
 04110003 030 Chagrin River (downstream Aurora Branch to mouth)

Integrated Report Assessment Category: 5 **Priority Points: 7**
Next Scheduled Monitoring: 2004

Aquatic Life Use Assessment

Subcategories of ALU: CWH,WWH Sampling Year(s): 1995, 1996
 Impairment: Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Small (Spatial)								
< 5 mi ²	5 Sites	4 Sites						
5-20 mi ²	8 Sites	7 Sites	87.5	12.5	0.0			
20-50 mi ²	Sites	Sites						
<hr/>						81	19	0
Large (Linear)								
50-500 mi ²	27.1 Miles	20.2 Miles	74.5	25.5	0.0			

High Magnitude Causes

Cause Unknown
 Organic Enrichment/DO
 Flow Alteration
 Other Habitat Alterations

High Magnitude Sources

Major Municipal Point Source
 Land Development/Suburbanization
 Urban Runoff/Storm Sewers (NPS)
 Onsite Wastewater Systems (Septic Tanks)
 Marinas
 Source Unknown

Recreation Use Assessment

Subcategory of Use: Primary Contact
 Impairment: Yes Geometric Mean: 486
 No. Ambient Sites: 11 No. Ambient Sampling Records: 67 75th %ile: 990
 No. of NPDES MOR Sites: 3 No. of NPDES MOR Records: 71 90th %ile: 4230
 Other:

Fish Consumption Advisory (FCA) Assessment

Waters Within the WAU Sampled and Assessed: Yes
 FCA Issued: Yes
 (See the 2004 Ohio FCA for more detailed information at "www.epa.state.oh.us/dsw/fishadvisory/index.html")
 Impairment Due to FCA: No Pollutant (Waterbody):

Comments

Chemical, physical, and biological sampling was conducted in the assessment unit in 2003 and 2004 as part of monitoring in the Chagrin River watershed to develop TMDLs for pollutants causing beneficial use impairments. A watershed action plan for this assessment unit has been endorsed by the Ohio EPA and Ohio DNR.