

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>):** 88.8  
05030202 100              Ohio River tributaries (downstream Leading Creek to upstream Kanawha River [WV])

**Integrated Report Assessment Category: 5**    **Priority Points: 1**  
**Next Scheduled Monitoring: 2009**

**Aquatic Life Use Assessment**

Subcategories of ALU:    WWH,LRW    Sampling Year(s):    1982, 1990, 1993  
Impairment:    Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Small (Spatial)								
< 5 mi <sup>2</sup>	5 Sites	0 Sites						
5-20 mi <sup>2</sup>	2 Sites	0 Sites	0.0	16.7	83.3			
20-50 mi <sup>2</sup>	3 Sites	0 Sites						
<hr/>						0	17	83
Large (Linear)								
50-500 mi <sup>2</sup>	Sites							
	Miles	Miles						

- |                              |                               |
|------------------------------|-------------------------------|
| <u>High Magnitude Causes</u> | <u>High Magnitude Sources</u> |
| Metals                       | Industrial Point Sources      |
| pH                           | Nonirrigated Crop Production  |
| Siltation                    | Surface Mining                |
| Flow Alteration              | Subsurface Mining             |
| Direct Habitat Alterations   | Natural                       |

**Recreation Use Assessment**

Subcategory of Use: Primary Contact  
Impairment: Unknown    Geometric Mean:  
No. Ambient Sites:    No. Ambient Sampling Records:    75<sup>th</sup> %ile:  
No. of NPDES MOR Sites:    No. of NPDES MOR Records:    90<sup>th</sup> %ile:  
Other:

**Fish Consumption Advisory (FCA) Assessment**

Waters Within the WAU Sampled and Assessed:  
FCA Issued:  
(See the 2004 Ohio FCA for more detailed information at "www.epa.state.oh.us/dsw/fishadvisory/index.html")  
Impairment Due to FCA:    Pollutant (Waterbody):

**Comments**

Kyger Creek and Bell Lick Run were included on the 1998 303(d) list based on data from 1990 and 1982, respectively. Since these data are no longer current (i.e., more than 10 years old), reassessment of current conditions is warranted. However, recognizing the continued pervasive impacts related to ongoing mining activities, this assessment unit remains listed as Category 5 (impaired).