

**Ohio EPA 2002 Integrated Report Appendix C
Assessment Unit (AU) Summaries**

HUC11	AU Description	AU Size (mi2)
04100012 060	Vermilion River (upstream East Branch to mouth)	127.7

Aquatic Life Use Assessment

Sampling Year(s):		<u>Sampling Site Size Distribution (mi2)</u>			
		<5	5-20	20-50	>50
Aquatic Life Use(s): EWH,WWH	# Sites Sampled:	0	0	0	0

Impairment? Unknown		<u>% Attainment</u>		
		<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):		0.0	0.0	0.0
Large Streams/Rivers (sites w/>50 mi2 drainage):		0.0	0.0	0.0

<u>AU Score</u> (relative amount of attainment)			<u>Weighted AU Score</u> (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>	<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.00	0.00	0.00	0.0	0.0	0.0

High Magnitude Causes

High Magnitude Sources

Recreation Use Assessment

of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion
 >5000 colonies/100 ml. fecal coliform bacteria: 2
 >576 colonies/100 ml. E. coli bacteria):
 # Sites in AU w/ Bacteria Violations: 2
 Total # Bacteria Sites in AU: 4
 Other:

Impairment? Indeterminate

Fish Consumption Assessment

A "One Meal per Month" Fish Consumption Advisory is in effect for the Vermilion River (Smallmouth Bass). The area under the advisory includes the entire length of the river.

Integrated Report Assessment Category: 3 Priority: Scheduled Monitoring: 2011

A small amount of data were collected in this watershed, but there are not enough sampling locations to do a complete assessment. The last biological survey done in this watershed was in 1987. Only reference sites on the Vermilion River mainstem have been sampled since then. A TMDL is in progress for the Vermilion River basin. Sampling was done in 2002.