

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

HUC11	AU Description	AU Size (mi2)
05030102 030	Pymatuning Creek	149.5

Aquatic Life Use Assessment

Sampling Year(s): 1994

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	<5	5-20	20-50	>50
	0	2	1	7

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	25.0	25.0	50.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	0.0	100.0

AU Score
(relative amount of attainment)

Weighted AU Score
(relative amount of attainment weighted by AU size)

<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.12	0.13	0.75

<u>Full</u>	<u>Partial</u>	<u>Non</u>
18.7	18.7	112.1

High Magnitude Causes

High Magnitude Sources

Organic Enrichment/DO
Flow Alterations
Other Habitat Alterations
Pathogens

Urban Runoff/Storm Sewers (NPS)
Channelization - Agriculture
Natural

Recreation Use Assessment

of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion

>5000 colonies/100 ml. fecal coliform bacteria:

>576 colonies/100 ml. E. coli bacteria):

Sites in AU w/ Bacteria Violations:

Total # Bacteria Sites in AU: 0

Other:

Impairment? Unknown

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 1 Scheduled Monitoring: 2008

The natural wetland characteristics of the Pymatuning Creek contribute significantly to the nonattainment status throughout the watershed.