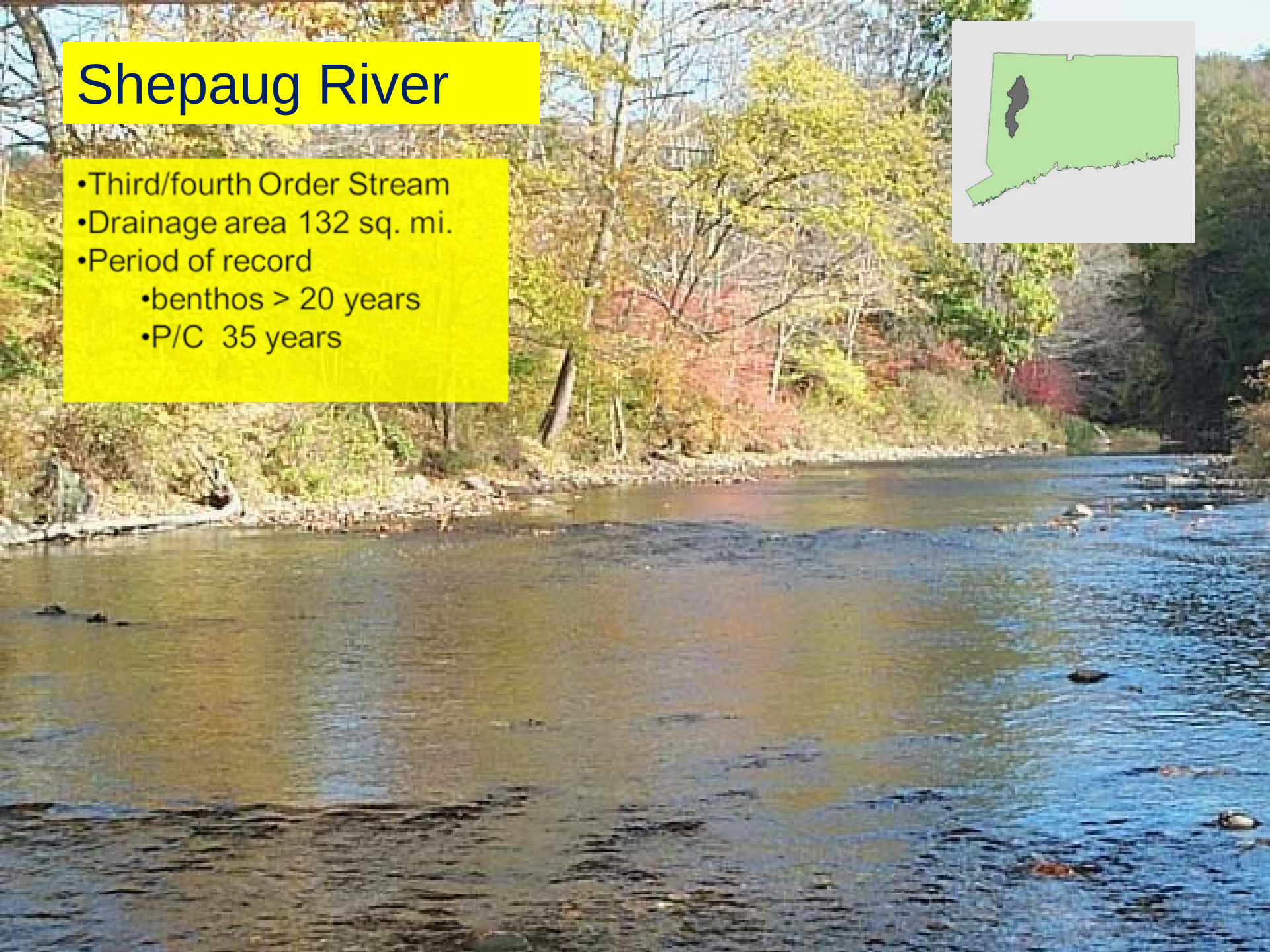
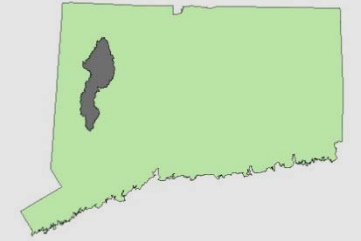


US EPA ARCHIVE DOCUMENT

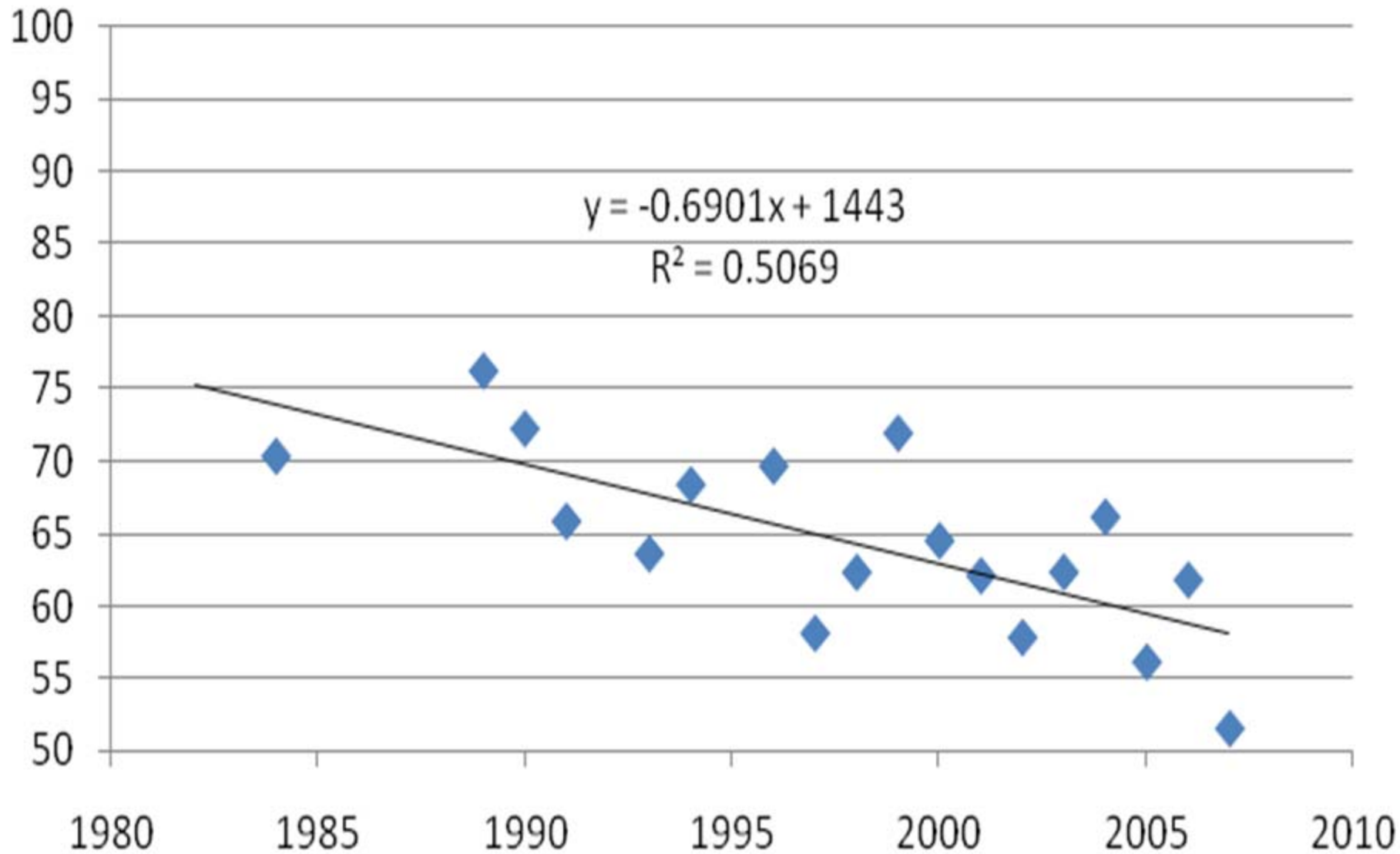
Shepaug River

- Third/fourth Order Stream
- Drainage area 132 sq. mi.
- Period of record
 - benthos > 20 years
 - P/C 35 years



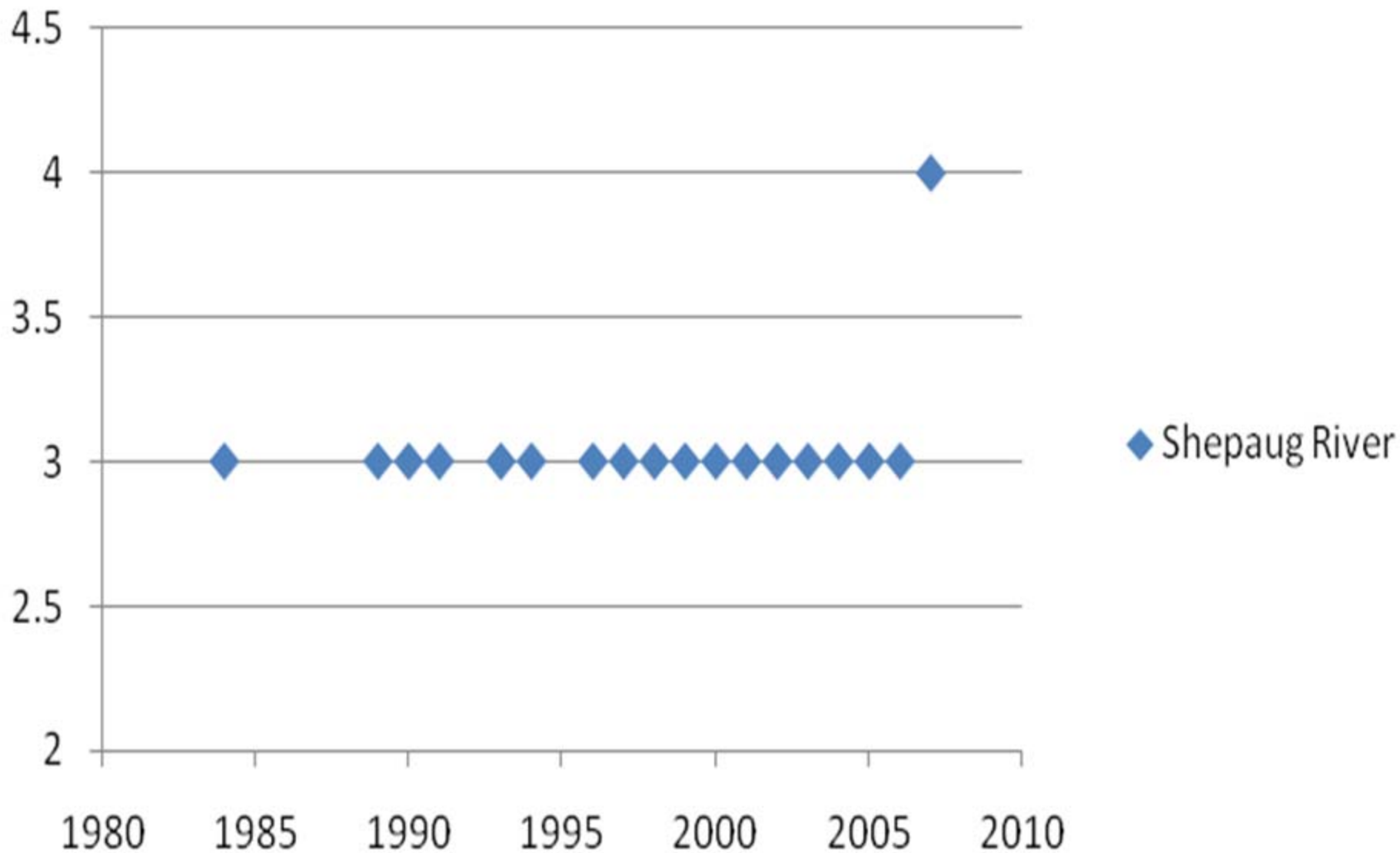
Shepaug River

Benthic
MMI



Shepaug River

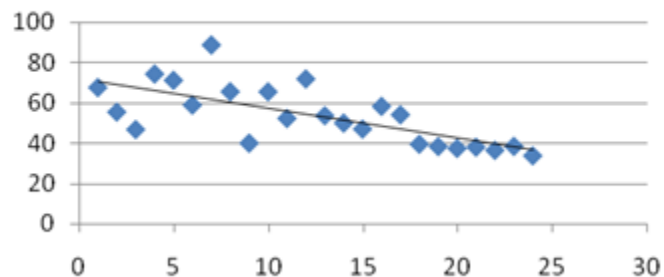
BCG Tier
(fuzzy set model)



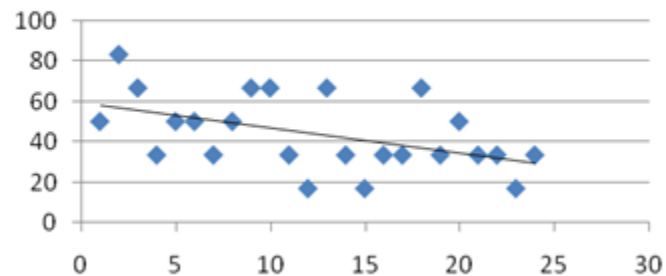
Shepaug River

Subset of Benthic MMI Metrics

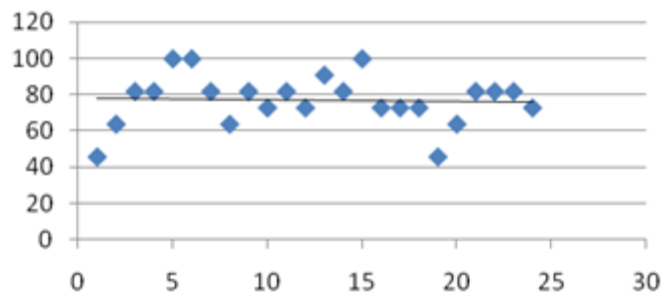
% sensitive EPT



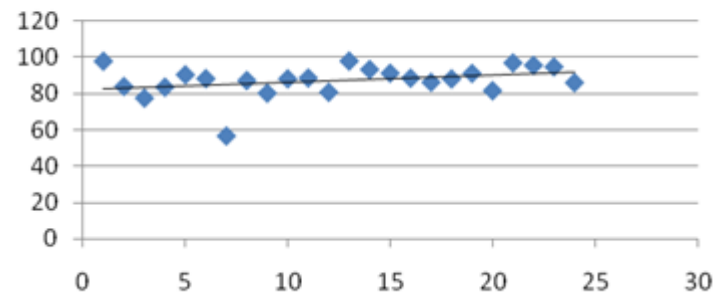
P genera



SCR genera



% dominant genera



Shepaug Basin Landuse 1985-2002 (CLEAR 2008)

	1990	1995	2002
	<i>% of basin</i>	<i>% of basin</i>	<i>% of basin</i>
Developed	7.1%	7.5%	7.6%
Turf & Grass	1.2%	1.2%	1.2%
Other Grasses & Agriculture	17%	17.3%	17.5%
Deciduous Forest	52.7%	52.1%	51.8%
Coniferous Forest	13.4%	13.3%	13.3%
Water	3.7%	3.8%	3.6%
Non-forested Wetland	0.2%	0.4%	0.5%
Forested Wetland	4.3%	4%	4%
Tidal Wetland	0%	0%	0%
Barren	0.1%	0.2%	0.2%
Utility Right-of-Way	0.2%	0.2%	0.2%

