

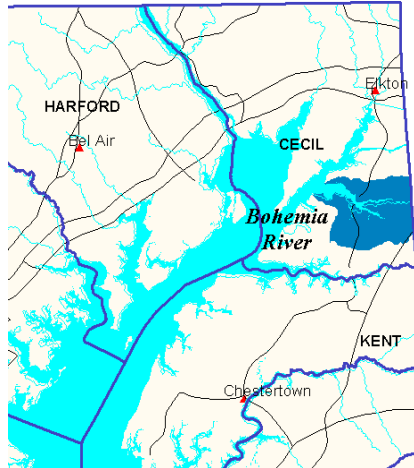
Maryland's Surf Your Watershed - Watershed Profile

Bohemia River

WATERSHED INFORMATION

Maryland Eight Digit Watershed Code: **02130602**
 Tributary Basin: **UPPER EASTERN SHORE**
Population (1990 US Census)
 1990 Est. Population Density (Ppl per ac) **0.33**
1994 Land Use (MOP Data)
 Urban Acres **676**
 Agricultural Acres **19,225**
 Forest Acres **6,244**
 Wetland Acres **357**
 Barren Acres **0**

 Total Acres (non-water) **26,502**



NON-TIDAL WETLAND REGULATORY ACTIONS

<u>Authorizations by Type (since 1991)</u>	
Letter of Authorization	3
Permit	0
Emergency Permit	0
Authorization to Proceed	0
<u>Wetland Impact Data (since 1991)</u>	
Acres of Permanent Loss	0.00
Acres of Permitted Mitigation	0.00
Acres of Programmatic Gains	0.00
Acres of Other Gains	0.00
<hr/> Net Gain/Loss	<hr/> 0.00

WATERSHED INDICATORS

Restoration Indicators	Indicator Value	Failed Indicator	Protection Indicators	Indicator Value	Select Indicator
<u>Water Quality</u>			<u>Aquatic Living Resources</u>		
Monitored Nutrient Concentrations			Tidal Fish Index of Biotic Integrity	2.00	
- eutrophication	8.00		Non-Tidal Instream Habitat Index	4.93	
- habitat	6.00		Non-Tidal Fish Index of Biotic Integrity	5.00	
Modeled Nitrogen Loading Rate per ac. (lbs.)	7.67		Imperiled Aquatic Species Indicator	0	
Modeled Phosphorus Loading Rate per ac. (lbs.)	0.42		Migratory Fish Spawning Area	6	Yes
<u>Aquatic Living Resources</u>			Anadromous Fish Index	8.25	
SAV Abundance	1.00	Yes	Wetland-Dependent Species	57.9	Yes
SAV Habitat Index	3.00	Yes	Trout Spawning Area		
Tidal Benthic Index of Biotic Integrity			Fish Hatchery Water Supply		
Tidal Fish Index of Biotic Integrity	2.00	Yes	<u>Landscape Parameters</u>		
Anadromous Fish Index	8.00		% Headwater Streams occurring in Interior Forest	3	
Non-Tidal Benthic Index of Biotic Integrity	3.58	Yes	Percent Watershed Forested	28	
Non-Tidal Fish Index of Biotic Integrity	5.00		Wildland Acres	0	
Non-Tidal Instream Habitat Index	4.93		Number of Drinking Water Intakes	0	
<u>Landscape Parameters</u>			Wetlands Acres of Special Concern	61	
Percent Impervious Surface	0.7		Unified Watershed Assessment Categorization		
Population Density (people per land acre)	0.33		<i>Priority Category 1 (Does Not Meet Clean Water or Natural Resource Goals)</i> <i>No</i>		
Historic Wetland Loss (acres)	3,715		<i>Category 2 (Meets Clean Water or Natural Resource Goals)</i> <i>No</i>		
Percent Unforested Stream Buffer	16		<i>Select Category 3 (Need for Special Protection of Natural Resources)</i> <i>No</i>		
Soil Erodibility	0.30	Yes			
<u>Clean Water Requirements</u>					
303d List	2	Yes			