Map 1.2 - Herring Bay, Middle Patuxent, and Lower Patuxent Subwatersheds

Legend

- Stream Reaches
- Subwatershed

- Maryland Department of Public Works
  Waterway Restoration and Enhancement Program

- Map Scale: 1:30,000
- Cartography by: MD DNR
- Date: March 9, 2015

Miles
Map 2.8 - Herring Bay, Middle Patuxent, Lower Patuxent Bioassessment Sample Locations and Results

Legend
- Good
- Fair
- Poor
- Very Poor

Round 1 Random Sites
- Good
- Fair
- Poor
- Very Poor

Round 2 Random Sites
- Good
- Fair
- Poor
- Very Poor

2011 Targeted Sites
- Good
- Fair
- Poor
- Very Poor

2011 Targeted Sites
- Good
- Fair
- Poor
- Very Poor
Map 3.3 - Herring Bay, Middle Patuxent, and Lower Patuxent Subwatershed Summary Pollutant Loads Based on Existing Conditions

Nitrogen Load from Runoff (lbs/yr) Includes BMP Reductions

Herring Bay
Natural Breaks
- 0 - 587 Lowest
- 587 - 1265
- 1265 - 2317
- 2317 - 6257 Highest

Middle Patuxent
Natural Breaks
- 99 - 1382 Lowest
- 1382 - 2153
- 2153 - 3357
- 3357 - 5026 Highest

Phosphorus Load from Runoff (lbs/yr) Includes BMP Reductions

Herring Bay
Natural Breaks
- 0 - 71 Lowest
- 71 - 125
- 129 - 334
- 334 - 659 Highest

Middle Patuxent
Natural Breaks
- 12 - 203 Lowest
- 203 - 344
- 344 - 556
- 556 - 815 Highest

Total Suspended Solids Load from Runoff (tons/yr) Includes BMP Reductions

Herring Bay
Natural Breaks
- 0 - 15 Lowest
- 15 - 31
- 31 - 44
- 44 - 122 Highest

Middle Patuxent
Natural Breaks
- 1 - 20 Lowest
- 20 - 52
- 52 - 78
- 78 - 127 Highest

Actual load shown on map.
Map 3.4 - Herring Bay, Middle Patuxent, and Lower Patuxent Subwatershed
Summary Pollutant Loads Based on Future Conditions

Nitrogen Load from Runoff (lbs/yr)
Includes BMP Reductions
Herring Bay
Natural Breaks
- 0 - 469 Lowest
- 470 - 1282
- 1283 - 2235
- 2236 - 6050 Highest
Middle Patuxent
Natural Breaks
- 96 - 1205 Lowest
- 1206 - 2053
- 2054 - 3038
- 3039 - 4573 Highest
Actual load shown on map

Phosphorus Load from Runoff (lbs/yr)
Includes BMP Reductions
Herring Bay
Natural Breaks
- 0 - 60 Lowest
- 61 - 131
- 132 - 315
- 316 - 629 Highest
Middle Patuxent
Natural Breaks
- 12 - 151 Lowest
- 152 - 271
- 272 - 415
- 416 - 678 Highest
Actual load shown on map

Total Suspended Solids Load from Runoff (tons/yr)
Includes BMP Reductions
Herring Bay
Natural Breaks
- 0 - 8 Lowest
- 8 - 21
- 21 - 62
- 63 - 111 Highest
Middle Patuxent
Natural Breaks
- 1 - 13 Lowest
- 13 - 37
- 38 - 57
- 58 - 90 Highest
Actual load shown on map
Map 3.5 - Herring Bay, Middle Patuxent, and Lower Patuxent Subwatershed Ratings for Water Quality Indicators

Nitrogen Load from Runoff (lbs/acre/yr)

Herring Bay
(Natural Breaks)
- 0.8 - 1.1 Lowest
- 1.1 - 2.7
- 2.7 - 4.3
- 4.3 - 6.7 Highest

Middle Patuxent
(Natural Breaks)
- 0.4 - 1.0 Lowest
- 1.0 - 2.9
- 2.9 - 3.8
- 3.8 - 4.7 Highest

Phosphorus Load from Runoff (lbs/acre/yr)

Herring Bay
(Natural Breaks)
- 0.0 - 0.1 Lowest
- 0.1 - 0.4
- 0.4 - 0.6
- 0.6 - 0.8 Highest

Middle Patuxent
(Natural Breaks)
- 0.1 - 0.2 Lowest
- 0.2 - 0.4
- 0.4 - 0.5
- 0.5 - 0.8 Highest

Percent Future Departure of Nitrogen Load from Runoff
Herring Bay
(Natural Breaks)
- 0 - 0.2% Lowest
- 0.2 - 0.9%
- 0.9 - 2.3%
- 2.3 - 8.2% Highest

Middle Patuxent
(Natural Breaks)
- No Change
- 0 - 1.0% Highest

Percent Future Departure of Phosphorus from Runoff
Herring Bay
(Natural Breaks)
- 0 - 0.1% Lowest
- 0.1 - 0.7%
- 0.7 - 1.6%
- 1.6 - 7.8% Highest

Middle Patuxent
(Natural Breaks)
- No Change
- 0 - 0.4% Highest