

2010 Chester County Stream Miles and Impairments by Watershed

	Total Stream Miles ¹	Miles Designated as Impaired ²	% Stream miles Impaired	Miles not designated as impaired	% not designated as impaired
Chesapeake Bay Basin					
WATERSHED					
Big Elk Creek	154.3	27.8	18%	126.5	82%
Little Elk Creek	44.7	14.4	32%	30.3	68%
Northeast Creek	28.6	8.7	30%	20.0	70%
Grand Total	227.6	50.9	22%	176.8	78%
Susquehanna River Basin					
WATERSHED					
Conestoga Creek	1.8	0.4	20%	1.5	80%
Octoraro Creek	235.3	60.8	26%	174.5	74%
Pequea Creek	16.0	3.0	19%	13.0	81%
Grand Total	253.1	64.1	25%	189.0	75%
TOTAL CHESAPEAKE BAY	480.7	115.0	24%	365.7	76%
Christina River Basin					
WATERSHED					
Brandywine Creek	881.8	213.7	24%	668.1	76%
Christina River	8.8	0.0	0%	8.8	100%
Red Clay Creek	110.5	74.0	67%	36.5	33%
White Clay Creek	215.1	74.5	35%	140.6	65%
Grand Total	1216.1	362.2	30%	854.0	70%
Delaware River Basin					
WATERSHED					
Chester Creek	59.1	9.7	16%	49.4	84%
Crum Creek	36.9	1.2	3%	35.7	97%
Darby Creek	16.6	0.0	0%	16.6	100%
Ridley Creek	49.4	1.0	2%	48.5	98%
Grand Total	162.0	11.8	7%	150.2	93%
Schuylkill River Basin					
WATERSHED					
Crow Creek	0.7	0.0	0%	0.7	100%
French Creek	191.7	16.3	8%	175.4	92%
Gulph Creek	2.0	0.7	35%	1.3	65%
Pickering Creek	106.0	1.8	2%	104.1	98%
Pigeon Creek	42.0	0.0	0%	42.0	100%
Schuylkill River	68.8	32.1	47%	36.7	53%
Stony Run	17.9	8.9	49%	9.1	51%
Trout Creek	14.2	7.8	55%	6.4	45%
Valley Creek	46.2	36.6	79%	9.7	21%
Grand Total	489.5	104.2	21%	385.4	79%
TOTAL DELAWARE	1867.6	478.1	26%	1389.5	74%
TOTAL CHESTER COUNTY	2348.3	593.1	25%	1755.2	75%

Sources:

1. Hydrography.hydro_line (2010) (GIS shapefile) – Chester County
2. Integrated List Non-Attaining (10-2010) (GIS shapefile), Office of Water Management, Bureau of Water Supply & Wastewater Management, Water Quality Assessment and Standards Division., October, 2010 (downloaded from Pennsylvania Spatial Data Access (PASDA) Clearinghouse, October, 2010)