Decision Matrix for Watershed Prioritization
WV Potomac Tributary Strategy

Major Basin	Watershed (HUC-10)	Nitrogen Impairment Index	Phosphorus Impairment Index	Impaired High Quality Stream (miles)	TMDL (miles)	Agricultural BMP Saturation / Likelihood of Landowner Participation	Watershed Group Activity	Population Growth	Nitrogen Delivery Factor	Source Water Protection Area	**Total Score** (unweighted)	**Total Score** (weighted)
	Weight>>>	0.92	0.92	0.63	0.65	0.78	0.67	1.00	0.54	0.84		
02070004-Potomac Direct Drains	0207000409 - Opequon Creek	1.000	1.000	0.900	1.000	0.800	1.000	0.409	0.949	1.000	8.06	6.11
02070004-Potomac Direct Drains	0207000402 - Sleepy Creek	0.348	0.318	0.721	0.573	0.600	1.000	0.662	0.949	0.000	5.17	3.75
02070001-S. Branch Potomac	0207000106 - Outlet South Branch Potomac River	0.657	0.579	0.550	0.487	0.700	0.800	0.191	0.718	0.277	4.96	3.69
02070004-Potomac Direct Drains	0207000412 - Rockymarsh Run-Potomac River	0.566	0.561	0.061	0.064	1.000	0.900	0.424	1.000	0.149	4.72	3.59
02070001-S. Branch Potomac	0207000105 - South Fork South Branch Potomac River	0.671	0.672	1.000	0.790	0.500	0.000	0.224	0.718	0.165	4.74	3.51
02070007-Shenandoah	0207000703 - Bullskin Run-Shenandoah River	0.395	0.374	0.366	0.000	0.800	0.900	0.383	0.758	0.216	4.19	3.14
02070001-S. Branch Potomac	0207000101 - North Fork South Branch Potomac River	0.516	0.476	0.813	0.489	0.200	1.000	0.067	0.718	0.126	4.41	3.13
02070004-Potomac Direct Drains	0207000410 - Harlan Run-Camp Spring Run-Potomac River	0.444	0.215	0.081	0.141	0.800	0.000	1.000	0.949	0.096	3.73	2.96
02070003-Cacapon	0207000303 - Lost River	0.370	0.287	0.377	0.278	0.400	1.000	0.241	0.885	0.000	3.84	2.72
02070004-Potomac Direct Drains	0207000404 - Back Creek	0.141	0.065	0.000	0.000	0.800	1.000	0.689	0.949	0.002	3.65	2.69
02070003-Cacapon	0207000304 - North River	0.221	0.177	0.000	0.000	0.800	0.900	0.616	0.885	0.000	3.60	2.69
02070003-Cacapon	0207000307 - Cacapon River	0.277	0.121	0.000	0.000	0.500	1.000	0.632	0.885	0.000	3.42	2.54
02070003-Cacapon	0207000302 - Little Cacapon River	0.185	0.145	0.099	0.000	0.600	0.900	0.535	0.885	0.095	3.44	2.53
02070007-Shenandoah	0207000702 - Long Marsh Run-Shenandoah River	0.036	0.020	0.000	0.000	0.800	0.900	0.556	0.758	0.103	3.17	2.33
02070001-S. Branch Potomac	0207000103 - Headwaters South Branch Potomac River	0.404	0.367	0.220	0.000	1.000	0.000	0.105	0.718	0.156	2.97	2.25
02070002-N. Branch Potomac	0207000207 - Patterson Creek	0.499	0.333	0.341	0.000	0.500	0.000	0.153	0.729	0.187	2.74	2.07
02070001-S. Branch Potomac	0207000104 - South Mill Creek-Mill Creek	0.246	0.315	0.032	0.025	0.800	0.600	0.074	0.718	0.032	2.84	2.06
02070002-N. Branch Potomac	0207000202 - Stony River-N. Br. Potomac River	0.465	0.497	0.000	0.000	0.600	0.600	-0.153	0.729	0.029	2.77	2.02
02070001-S. Branch Potomac	0207000102 - Lunice Creek	0.238	0.241	0.241	0.080	0.600	0.000	0.454	0.718	0.001	2.57	1.95
02070004-Potomac Direct Drains	0207000405 - Warm Spring Run-Cherry Run-Potomac River	0.148	0.158	0.000	0.000	0.400	0.200	0.366	0.913	0.106	2.29	1.67
02070002-N. Branch Potomac	0207000204 - New Creek-N. Br. Potomac River	0.191	0.144	0.000	0.000	1.000	0.000	-0.039	0.729	0.147	2.17	1.56
02070003-Cacapon	0207000308 - Willett Run-Potomac River	0.068	0.095	0.000	0.000	0.400	0.000	0.332	0.885	0.071	1.85	1.33
02070002-N. Branch Potomac	0207000208 - Green Spring Run-N. Br. Potomac River	0.104	0.099	0.000	0.000	0.800	0.000	0.017	0.729	0.033	1.78	1.25
02070006-N. Fork Shenandoah	0207000601 - Little Dry River-N. Fork Shenandoah River	0.162	0.107	0.000	0.000	0.400	0.000	0.250	0.758	0.000	1.68	1.22

Rank	Lowest							Highest