

# Appendix C

## Summary Data Tables & Figures

**Appendix C, Table 1. Prime Wetland Evaluation, Goffstown, NH, Functional Value Index and Wetland Value Unit Summary**

A summary of the evaluation data is presented in this table. The Functional Value Index (FVI) is the average score of each evaluation parameter for each function, as detailed in Appendix C, Table 2. Wetland Value Units (WVU) represent the total value of a specific function. This measurement is calculated by multiplying the FVI by the Evaluation Area. In some cases, the evaluation area is the entire wetland, while in other cases, it is only a portion.

	Gorham Brook Wetlands (48.8 ac)	Trib. to Gorham Brook and Associated Wetlands (10.6 ac)	Saunders Road Wetlands (8.9 ac)	Snook Road Swamp (24.6 ac)	Beaver Pond/Harry Brook (41.4 ac)	Upper Harry Brook and Northern Associated Wetlands (5.7 ac)	Upper Harry Brook and Southern Associated Wetlands (2.4 ac)	Middle Harry Brook (1) and Associated Wetlands (3.6 ac)	Middle Harry Brook (2) and Associated Wetlands (5.7 ac)	Middle Harry Brook (3) and Associated Wetlands (24.4 ac)	Paige Hill Road Marsh (27.0 ac)	Stinson Road Marsh (16.1 ac)	Upper Black Brook Marsh, Northern portion, (35.3 ac)	Upper Black Brook Marsh, Southern portion (5.3 ac)	Lower Black Brook Marsh (31.9 ac)	Lower Harry Brook at Locust Hill Road (8.5 ac)	Piscataquog River Floodplain (42.4 ac)	Ucanoocuc Marsh (35.5 ac)	Shirley Hill Road Wetlands (30.0 ac)	Perennial Trib. To Piscataquog and Associated Wetlands (11.1 ac)	Paige Hill Swamp (15.4 ac)	Juniper Drive Wetlands (9.7 ac)	Bog Brook Tributary (20.1 ac)	Hardy Brook Headwaters (24.0 ac)
<b>Total Area</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>
<b>WVU SUMMARY</b>																								
1. Ecological Integrity	39.06	10.59	7.38	23.09	41.38	5.00	2.27	3.27	4.98	21.35	24.77	13.53	28.25	5.34	26.58	6.33	34.63	32.57	20.09	7.78	14.14	8.11	18.43	20.03
2. Wetland Wildlife Habitat	43.46	8.05	7.46	21.03	37.24	4.84	2.00	2.72	4.54	20.68	24.09	10.52	34.60	4.11	31.36	6.26	37.39	32.04	22.97	7.56	10.20	8.21	16.11	17.87
3. Finfish Habitat: Part A - Rivers and Streams	4.20	0.00	0.00	0.00	0.00	0.36	0.10	0.18	0.16	1.04	0.00	0.00	0.00	0.59	2.97	0.59	6.58	0.00	2.55	0.00	0.00	0.00	0.00	0.00
3. Finfish Habitat: Part B - Ponds and Lakes	0.00	0.62	0.00	13.19	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.34	4.81	0.00	0.00	0.00	0.00	1.12	2.67	2.64	0.00	1.05	5.95	15.00
3. Finfish Habitat Average	2.10	0.31	0.00	6.60	0.07	0.18	0.05	0.09	0.08	0.52	0.00	0.17	2.41	0.30	1.48	0.30	3.29	0.56	2.61	1.32	0.00	0.53	2.98	7.50
4. Educational Potential	3.61	1.90	1.63	4.30	25.78	3.74	1.57	2.33	3.31	4.80	4.58	2.21	4.59	3.40	3.16	5.63	3.58	2.17	7.64	1.46	9.34	1.43	4.93	2.12
5. Visual Aesthetic Quality	15.11	4.38	2.38	5.31	9.30	1.23	1.59	1.65	2.25	2.53	6.07	2.50	8.98	1.57	2.85	2.38	1.50	8.95	5.94	2.36	1.59	24.64	36.39	
6. Water-based Recreation	3.83	0.00	0.00	16.44	0.10	0.40	0.09	0.18	0.17	1.01	0.00	0.25	4.91	0.40	2.45	0.47	5.35	0.92	6.26	4.23	0.00	6.98	5.29	12.86
7. Flood Control Potential	43.947	5.295	5.31	24.63	41.38	5.71	1.659	3.57	6.69	31.78	37.08	8.04	14.124	3.738	31.89	8.53	42.41	24.871	29.95	11.12	12.336	9.73	2.01	16.828
8. Ground Water Use Potential	42.73	9.27	7.74	13.55	26.90	3.14	1.30	2.77	4.41	18.91	14.86	8.84	30.90	4.67	27.90	6.61	32.87	23.09	29.95	9.73	13.49	9.73	20.10	21.04
9. Sediment Trapping: Part A	36.62	3.18	2.66	7.39	20.69	1.71	0.71	1.07	1.71	7.32	8.11	8.04	17.66	2.67	15.95	6.40	21.21	26.65	14.98	6.67	11.57	2.92	11.06	7.21
9. Sediment Trapping: Part B	31.74	6.99	5.13	18.72	33.10	2.74	1.23	2.36	2.73	12.69	19.99	6.75	14.83	2.03	22.32	6.40	18.66	15.28	20.97	10.23	5.71	4.87	7.44	16.83
9. Sediment Trapping Average	34.18	5.08	3.89	13.05	26.90	2.23	0.97	1.71	2.22	10.00	14.05	7.40	16.24	2.35	19.13	6.40	19.93	20.96	17.97	8.45	8.64	3.89	9.25	12.02
10. Nutrient Attenuation: Part A	30.52	2.12	1.77	4.93	20.69	2.28	0.95	1.43	2.28	9.76	5.40	4.82	10.59	1.60	15.95	5.33	15.90	22.21	19.47	7.23	9.64	1.95	6.53	4.81
10. Nutrient Attenuation: Part B	31.74	6.99	5.13	18.72	33.10	2.74	1.23	2.36	2.73	12.69	19.99	6.75	14.83	2.03	22.32	6.40	18.66	15.28	20.97	10.23	5.71	4.87	7.44	16.83
10. Nutrient Attenuation Average	31.13	4.55	3.45	11.82	26.90	2.51	1.09	1.89	2.50	11.22	12.70	5.79	12.71	1.82	19.13	5.86	17.28	18.74	20.22	8.73	7.67	3.41	6.98	10.82
11. Shoreline Anchoring and Dissipation of Erosive Forces	2.78	0.27	0.00	1.72	0.12	0.55	0.19	0.23	0.44	1.52	0.00	0.00	1.36	0.62	2.27	0.82	1.29	0.42	1.14	0.59	0.00	0.45	0.29	0.75
12. Urban Quality of Life: A. Presence of an Urban Setting	24.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.51	8.04	0.00	0.00	15.95	7.25	0.00	0.00	14.98	6.95	7.71	5.35	0.00	18.03
12. Urban Quality of Life: B. Wetland Wildlife Habitat	48.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.62	10.29	0.00	0.00	31.89	7.68	0.00	0.00	26.96	8.90	8.33	7.98	0.00	17.31
12. Urban Quality of Life: C. Educational Opportunity	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	2.10	0.00	0.00	2.81	6.40	0.00	0.00	7.50	1.50	10.02	1.75	0.00	2.60
12. Urban Quality of Life: D. Visual/Aesthetic Quality	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	3.28	0.00	0.00	3.00	2.46	0.00	0.00	15.00	7.20	1.92	2.00	0.00	42.30
12. Urban Quality of Life: E. Water-based Recreation	4.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	3.53	0.77	0.00	0.00	7.20	5.27	0.00	9.15	0.00	16.32
13. Historical Site Potential	30.52	3.97	0.44	3.69	6.21	1.57	0.65	1.87	2.99	12.81	14.19	4.42	13.24	1.47	23.92	4.48	11.66	14.21	15.72	8.34	1.46	1.46	3.02	15.03
14. Noteworthiness	13.95	1.51	2.53	10.56	17.73	0.82	0.34	0.51	0.81	3.49	3.86	2.30	10.09	0.76	9.11	2.44	12.12	10.15	8.56	3.18	6.61	2.78	2.87	6.87
<b>WVU SUM</b>	<b>412.1</b>	<b>56.1</b>	<b>42.2</b>	<b>175.6</b>	<b>260.2</b>	<b>32.5</b>	<b>13.9</b>	<b>23.1</b>	<b>34.6</b>	<b>127.5</b>	<b>188.7</b>	<b>90.6</b>	<b>189.6</b>	<b>31.4</b>	<b>262.9</b>	<b>81.9</b>	<b>234.1</b>	<b>183.9</b>	<b>271.5</b>	<b>112.2</b>	<b>113.5</b>	<b>86.1</b>	<b>125.8</b>	<b>299.2</b>
<b>FVI SUMMARY</b>																								
1. Ecological Integrity	0.80	1.00	0.83	0.94	1.00	0.88	0.96	0.92	0.88	0.88	0.92	0.84	0.80	1.00	0.83	0.74	0.82	0.92	0.67	0.70	0.92	0.83	0.92	0.83
2. Wetland Wildlife Habitat	0.89	0.76	0.84	0.85	0.90	0.85	0.85	0.76	0.80	0.85	0.89	0.65	0.98	0.77	0.98	0.73	0.88	0.90	0.77	0.68	0.66	0.84	0.80	0.74
3. Finfish Habitat: Part A - Rivers and Streams	0.88	0.00	0.00	0.00	0.00	0.53	0.59	0.48	0.48	0.53	0.00	0.00	0.81	0.70	0.74	0.78	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00
3. Finfish Habitat: Part B - Ponds and Lakes	0.00	0.72	0.00	0.83	0.77	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.00	0.00	0.62	0.53	0.38	0.00	0.70	0.70	0.83	
3. Finfish Habitat Average	0.44	0.36	0.00	0.81	0.38	0.26	0.29	0.24	0.24	0.26	0.00	0.34	0.41	0.35	0.37	0.39	0.31	0.59	0.19	0.00	0.35	0.42	0.42	
4. Educational Potential	0.72	0.69	0.65	0.61	0.62	0.66	0.66	0.65	0.58	0.69	0.65	0.71	0.64	0.70	0.66	0.72	0.76	0.73	0.61	0.71	0.62	0.62	0.53	
5. Visual Aesthetic Quality	0.89	0.88	0.79	0.89	0.78	0.61	0.79	0.83	0.75	0.84	0.76	0.63	0.90	0.79	0.95	0.79	0.60	0.75	0.60	0.74	0.79	0.88	0.77	
6. Water-based Recreation	0.80	0.50	0.00	0.67	0.51	0.58	0.56	0.50	0.49	0.51	0.00	0.51	0.70	0.54	0.58	0.59	0.63	0.51	0.70	0.62	0.00	0.72	0.62	0.71
7. Flood Control Potential	0.9	0.5	0.6	1	1	1	0.7	1	1	0.7	0.9	0.5	0.4	0.7	1	1	1	0.7	1	1	0.8	1	0.1	0.7
8. Ground Water Use Potential	0.88	0.88	0.88	0.55	0.65	0.55	0.55	0.78	0.78	0.78	0.55	0.55	0.88	0.88	0.88	0.78	0.78	0.65	1.00	0.88	0.88	1.00	1.00	0.88
9. Sediment Trapping: Part A	0.75	0.30	0.30	0.30	0.50	0.30	0.30	0.30	0.30	0.30	0.50	0.50	0.50	0.50	0.50	0.75	0.50	0.50	0.60	0.75	0.30	0.55	0.30	
9. Sediment Trapping: Part B	0.65	0.66	0.58	0.76	0.80	0.48	0.52	0.66	0.48	0.52	0.74	0.42	0.42	0.38	0.70	0.75	0.44	0.43	0.70	0.92	0.37	0.50	0.37	0.70
9. Sediment Trapping Average	0.70	0.48	0.44	0.53	0.65	0.39	0.41	0.48	0.39	0.41	0.52	0.46	0.46	0.44	0.60	0.75	0.47	0.59	0.60	0.76	0.56	0.40	0.46	0.50
10. Nutrient Attenuation: Part A	0.63	0.20	0.20	0.20	0.50	0.40	0.40	0.40	0.40	0.40	0.20	0.30	0.30	0.30	0.50	0.63	0.38	0.63	0.65	0.65	0.63	0.20	0.33	0.20
10. Nutrient Attenuation: Part B	0.69	0.59	0.57	0.74	0.70	0.60	0.61	0.64	0.60	0.73	0.74	0.68	0.68	0.55	0.68	0.72	0.58	0.64	0.71	0.89	0.62	0.68	0.67	0.73
10. Nutrient Attenuation Average	0.66	0.40	0.39	0.47	0.60	0.50	0.52	0.50	0.52	0.57	0.47	0.49	0.49	0.42	0.59	0.67	0.48	0.63	0.68	0.77	0.62	0.44	0.50	0.46
11. Shoreline Anchoring and Dissipation of Erosive Forces	1.00	1.00	0.00	1.00	1.00	0.67	0.67	0.67	0.83	0.83	0.00	0.00	0.83	0.83	1.00	0.83	0.37	1.00	0.67	1.00	0.00	0.83	0.83	0.83
12. Urban Quality of Life: A. Presence of an Urban Setting	0.63	0.20	0.20	0.20	0.50																			

**Appendix C, Table 2. Prime Wetland Evaluation, Goffstown, NH, Functional Value Scoring Detail.**

Notes: The scores for each evaluation question/parameter are presented in these tables. For each parameter, a score of 0.1, 0.5, or 1.0 is assigned following the NH Method. More detail on the evaluation technique can be found in Chapter 3 of this report the publication "Method for the Comparative Evaluation of Nontidal Wetlands in NH," March 1991.

	Gorham Brook Wetlands (48.8 ac)	Trib. to Gorham Brook and Associated Wetlands (10.6 ac)	Saunders Road Wetlands (8.9 ac)	Snook Road Swamp (24.6 ac)	Beaver Pond/Harry Brook Trib. Marsh (41.4 ac)	Upper Harry Brook and Northern Associated Wetlands (5.7ac)	Upper Harry Brook and Southern Associated Wetlands (2.4 ac)	Middle Harry Brook (1) and Associated Wetlands (3.6 ac)	Middle Harry Brook (2) and Associated Wetlands (5.7 ac)	Middle Harry Brook (3) and Associated Wetlands (24.4 ac)	Paige Hill Road Marsh (27.0 ac)	Stinson Road Marsh (16.1 ac)	Upper Black Brook Marsh, Northern portion, (35.3 ac)	Upper Black Brook Marsh, Southern portion (5.3 ac)	Lower Black Brook Marsh (31.9 ac)	Lower Harry Brook at Locust Hill Road (8.5 ac)	Piscataquog River Floodplain (42.4 ac)	Ucanonooc Marsh (35.5 ac)	Shirley Hill Road Wetlands (30.0 ac)	Perennial Trib. To Piscataquog and Associated Wetlands (11.1 ac)	Paige Hill Swamp (15.4 ac)	Juniper Drive Wetlands (9.7 ac)	Bog Brook Tributary (20.1 ac)	Hardy Brook Headwaters (24.0 ac)
<b>Functional Value 1. Ecological Integrity</b>																								
Percent hydric soils and/or open water	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.3	1	1	1	1	1	1	1
Dominant Land use zoning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	0.1	1	1	1	1
Water quality of stream, pond or lake	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1
Ratio of occupied buildings w/in 500 ft to total wetland area	0.5	1	0.5	1	1	0.5	1	0.5	0.5	1	0.5	1	1	1	0.5	0.1	0.5	1	0.5	0.5	1	0.5	1	0.5
Percent original wetland filled	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.75	1	1	1	1	1
Percent wooded buffer > 500 ft wide	0.5	1	0.5	0.75	1	1	1	1	1	1	1	1	1	1	0.5	0.5	1	1	0.1	0.5	0.5	0.5	1	0.5
Level of human activity within wetland	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1	1
Level of human activity in upland	0.1	1	0.5	1	1	0.5	1	1	0.5	0.5	0.5	0.1	0.5	1	0.5	0.3	0.5	0.5	0.1	0.3	0.5	0.5	0.5	0.5
Percent of wetland plant community being altered	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	0.5	1	1	1	1	1	1	1	1	1
Percent of wetland being actively drained	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of public road/rail crossings	1	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.1	1	1	1	1	1
Long term stability	0.5	1.00	0.83	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.00	0.5	0.5	1	1	0.5	0.5	1	0.5	0.5	0.5
<b>Average (FVI)</b>	<b>0.80</b>	<b>1.00</b>	<b>0.83</b>	<b>0.94</b>	<b>1.00</b>	<b>0.88</b>	<b>0.96</b>	<b>0.92</b>	<b>0.88</b>	<b>0.88</b>	<b>0.92</b>	<b>0.84</b>	<b>0.80</b>	<b>1.00</b>	<b>0.83</b>	<b>0.74</b>	<b>0.82</b>	<b>0.92</b>	<b>0.67</b>	<b>0.70</b>	<b>0.92</b>	<b>0.83</b>	<b>0.92</b>	<b>0.83</b>
<b>Evaluation Area (Total wetland area)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>
<b>Functional Value 2. Wetland Wildlife Habitat</b>																								
Ecological Integrity FVI	0.80	1.00	0.83	0.94	1.00	0.88	0.96	0.92	0.88	0.88	0.92	0.84	0.80	1.00	0.83	0.74	0.82	0.92	0.67	0.70	0.92	0.83	0.92	0.83
Area of shallow permanent open water	1	0.5	0.5	1	0.5	0.5	0.5	0.1	0.1	0.5	0.5	0.5	0.1	0.1	1	0.5	1	1	0.5	1	0.1	1	1	1
Water quality of stream, pond or lake	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1
Wetland diversity	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	1	1	0.5
Dominant wetland class	1	1	1	1	0.5	1	0.5	1	0.5	1	1	1	1	1	1	0.5	1	1	1	1	0.5	1	1	1
Interspersion of vegetation classes and/or open water	1	0.5	1	0.1	0.5	0.1	0.5	0.5	0.5	0.1	0.5	0.1	0.5	1	0.5	1	0.5	1	0.5	0.5	1	1	0.5	0.5
Wetland juxtaposition	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1	1
Number of upland islands/inclusions	0.1	0.1	0.1	0.5	1	1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Wildlife access to other wetlands	1	0.5	1	1	1	1	1	1	1	1	0.5	1	1	1	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Percent of wetland bordered by upland wildlife habitat	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1	0.5
<b>Average (FVI)</b>	<b>0.89</b>	<b>0.76</b>	<b>0.84</b>	<b>0.85</b>	<b>0.90</b>	<b>0.85</b>	<b>0.85</b>	<b>0.76</b>	<b>0.80</b>	<b>0.85</b>	<b>0.89</b>	<b>0.65</b>	<b>0.98</b>	<b>0.77</b>	<b>0.98</b>	<b>0.73</b>	<b>0.88</b>	<b>0.90</b>	<b>0.77</b>	<b>0.68</b>	<b>0.66</b>	<b>0.84</b>	<b>0.80</b>	<b>0.74</b>
<b>Evaluation Area (Total wetland area)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>
<b>Functional Value 3. Fish Habitat</b>																								
<b>Part A - Rivers and Streams</b>																								
Dominant land use in watershed	1	N/A	N/A	N/A	N/A	1	1	1	1	1	N/A	N/A	N/A	1	1	0.4	0.25	N/A	0.5	N/A	N/A	N/A	N/A	N/A
Water quality of stream	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Anadromous fish barriers	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stream width	0.5	1	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	
Available shade	0.5	1	1	1	1	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	1	1	1	0.5	0.5	0.5	0.5	
Physical character of stream channel	1	1	1	1	1	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	1	1	1	0.5	0.5	0.5	0.5	
Abundance of cover objects	1	1	1	1	1	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
Spawning areas	1	1	1	1	1	0.1	0.5	0.1	0.1	0.1	0.5	1	1	1	1	0.5	1	0.5	0.1	0	0	0	0	
<b>Average - Part A</b>	<b>0.88</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.53</b>	<b>0.59</b>	<b>0.48</b>	<b>0.48</b>	<b>0.53</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.81</b>	<b>0.70</b>	<b>0.74</b>	<b>0.78</b>	<b>0.00</b>	<b>0.64</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Evaluation Area (ac)</b>	<b>4.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>	<b>0.2</b>	<b>0.4</b>	<b>0.3</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>	<b>4.2</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Part B - Ponds and Lakes</b>																								
Dominant land use in watershed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Water quality of pond or lake	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total area of pond or lake, incl. sub/emergent vegetation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Anadromous fish barriers	0.5	1	1	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Abundance of cover objects	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Percent having sub/emergent vegetation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Average - Part B</b>	<b>0.00</b>	<b>0.72</b>	<b>0.00</b>	<b>0.83</b>	<b>0.77</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.68</b>	<b>0.68</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.62</b>	<b>0.53</b>	<b>0.38</b>	<b>0.00</b>	<b>0.70</b>	<b>0.70</b>	<b>0.83</b>
<b>Evaluation Area (ac)</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>15.8</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>7.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.8</b>	<b>5.0</b>	<b>6.9</b>	<b>0.0</b>	<b>1.5</b>	<b>8.5</b>	<b>18.0</b>
<b>Functional Value 4. Educational Potential</b>																								
Location of potential educational site:	Southern end of wetland, at outlet	Southern end of wetland where trail passes just below outlet	At intersection of Saunders Road and Wetland	At end of logging/tote road, north eastern corner of wetland	Entire wetland, access to entire area, relatively easy footing	Entire Wetland	Entire Wetland	Entire Wetland	Entire Wetland	Southern Extent of Wetland, at Beaver Dam	Northern Extent of Wetland, along Paige Hill Road	South eastern portion of wetland, near Stinson Rd	Campfire area along Northwestern side of wetland	Entire Wetland	Dam at southern extent of wetland	Bridge at northern extent of wetland	Blueberry Farm	Earthen Dam at north western corner of Ucanonooc Lake	Shirley Hill Road Wetland Crossing	Dam at eastern extent of pond	Entire Wetland	Just East of Juniper Drive Cul-de-sac	Knoll on north/central side of wetland	West/Central upland area that extends into wetland
Ecological Integrity FVI	0.80	1.00	0.83	0.94	1.00	0.88	0.96	0.92	0.88	0.88	0.92	0.84	0.80	1.00	0.83	0.74	0.82	0.92	0.67	0.70	0.92	0.83	0.92	0.83
Wetland Wildlife Habitat FVI	0.89	0.76	0.84	0.85	0.90	0.85	0.85	0.76	0.80	0.85	0.89	0.65	0.98	0.77	0.98	0.73	0.88	0.90	0.77	0.68	0.84	0.80	0.74	0.74
Proximity of potential educational site to schools	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Presence of a nature preserve or wildlife management area	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.3	1	0.2	0.5	0.5	1	0.5	0.1	0.1	0.5	0.1	0.1
Proximity of educational site to other plant communities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Off-road parking suitable for bus	1	0.1	1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	1	0.1	1	1	1	1	0.1	0.1
Number of wetland classes accessible	1	1	1	0.5	1	1	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1
Access to perennial stream	1	1	0.1	0.1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	0.1	0.1	0.1	0.1
Access to pond or lake	0.1	1	0.1	1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1	0.1	1	1	0.1	1	1	1
Student safety	1	1	1	1	1	1	1	1	1	1	0.5	0.5	1	0.5	0.5	0.5	0.5	1	0.5	0.5	1	1	1	1
Public access to educational site	0.5	0.5	0																					

Appendix C, Table 2. Prime Wetland Evaluation, Goffstown, NH, Functional Value Scoring Detail. (Continued.)

Functional Value 6. Water-based Recreation																												
Evaluation Area(s)	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	Area of open/standing water	Area of water/open/standing water	N/A	Entire Wetland	Open water-area	Entire Wetland	
Fishing	0.1	0.1																							0.1	1	1	
Hunting	1	1																							1	0.1	1	
Wildlife observation	0.89	0.76																							0.84	0.80	0.74	
Water quality of the stream, pond or lake	1	1																							1	1	1	
Canoe and boat passage	0.5	0.1																							0.5	1	1	
Off-road public parking	1	0.1																							1	0.1	0.1	
Access to water	1	0.1																							0.5	0.1	0.1	
Visual/Aesthetic Quality (FVI)	0.89	0.88																							0.79	0.88	0.77	
<b>Average (FVI)</b>	<b>0.80</b>	<b>0.50</b>	<b>0.00</b>	<b>0.67</b>	<b>0.51</b>	<b>0.58</b>	<b>0.56</b>	<b>0.50</b>	<b>0.49</b>	<b>0.51</b>	<b>0.00</b>	<b>0.51</b>	<b>0.70</b>	<b>0.54</b>	<b>0.58</b>	<b>0.59</b>	<b>0.63</b>	<b>0.51</b>	<b>0.70</b>	<b>0.62</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.72</b>	<b>0.62</b>	<b>0.71</b>		
<b>Area of wetland evaluated for water-based recreation</b>	<b>4.8</b>	<b>0.0</b>	<b>0</b>	<b>24.63</b>	<b>0.2</b>	<b>0.7</b>	<b>0.2</b>	<b>0.4</b>	<b>0.3</b>	<b>2.0</b>	<b>0</b>	<b>0.5</b>	<b>7.0</b>	<b>0.7</b>	<b>4.2</b>	<b>0.8</b>	<b>8.4</b>	<b>1.8</b>	<b>9.0</b>	<b>6.9</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.73</b>	<b>8.50</b>	<b>18.00</b>		
Functional Value 7. Flood Control Potential																												
Wetland area (ac)	48.83	10.59	8.85	24.63	41.38	5.71	2.37	3.57	5.69	24.4	27.02	16.08	35.31	5.34	31.89	8.53	42.41	35.53	29.95	11.12	15.42	9.73	20.1	24.04				
Watershed area (ac)	3650	298	84.6	185	458	1735	1735	2952	2952	450	450	5565	5565	10125	5245	115337	385	855	1950	68	136	136	1045	867				
Wetland control length	20	30	50	3	1.5	6	12	5	10	40	40	50	30	1	10	70	65	6	6	25	6	200	50					
Watershed Area:Wetland Area	74.7	28.1	9.6	7.5	11.1	303.9	732.1	826.9	518.8	121.0	16.7	28.0	157.6	1042.1	317.5	614.9	2719.6	10.8	28.5	175.4	4.4	14.0	52.0	36.1				
Watershed Area:Wetland Control Length	182.5	9.9	1.7	61.7	305.3	289.2	144.6	590.4	295.2	246.0	11.3	11.3	111.3	185.5	10125.0	524.5	1647.7	5.9	142.5	325.0	2.7	22.7	5.2	17.3				
Table Lookup	0.9	0.5	0.6	1	1	1	0.7	1	1	0.7	0.9	0.5	0.4	0.7	1	1	1	0.7	1	1	0.8	1	0.1	0.7				
<b>Average (FVI)</b>	<b>0.9</b>	<b>0.5</b>	<b>0.6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0.7</b>	<b>1</b>	<b>1</b>	<b>0.7</b>	<b>0.9</b>	<b>0.5</b>	<b>0.4</b>	<b>0.7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0.7</b>	<b>1</b>	<b>1</b>	<b>0.8</b>	<b>1</b>	<b>0.1</b>	<b>0.7</b>				
<b>Evaluation Area (Area of wetland in acres)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>				
Functional Value 8. Ground Water Use Potential																												
Existing wells	1	1	0.5	0.1	0.5	0.1	0.1	1	1	1	0.1	0.1	0.5	0.5	1	0.1	0.1	0.5	1	1	1	1	1	1	1	1	1	
Potential water supply	0.5	0.5	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	1	0.5	1	0.1	1	1	0.5	1	1	0.5	1	1	0.5	
Ground water quality	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Water quality of stream, lake or pond	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1	1	1	
<b>Average (FVI)</b>	<b>0.88</b>	<b>0.88</b>	<b>0.88</b>	<b>0.55</b>	<b>0.65</b>	<b>0.55</b>	<b>0.55</b>	<b>0.78</b>	<b>0.78</b>	<b>0.78</b>	<b>0.55</b>	<b>0.55</b>	<b>0.88</b>	<b>0.88</b>	<b>0.88</b>	<b>0.78</b>	<b>0.78</b>	<b>0.65</b>	<b>1.00</b>	<b>0.88</b>	<b>0.88</b>	<b>1.00</b>	<b>1.00</b>	<b>0.88</b>	<b>1.00</b>	<b>1.00</b>	<b>0.88</b>	
<b>Evaluation Area (Area of wetland in acres)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>				
Functional Value 9. Sediment Trapping																												
<b>Part A - Opportunity for Sediment Trapping</b>																												
Average watershed slope	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Sediment sources in watershed	1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.7	1	0.1	0.1	0.1	0.1	0.1	
<b>Average - Part A</b>	<b>0.75</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.50</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.50</b>	<b>0.50</b>	<b>0.50</b>	<b>0.50</b>	<b>0.75</b>	<b>0.50</b>	<b>0.75</b>	<b>0.50</b>	<b>0.60</b>	<b>0.75</b>	<b>0.30</b>	<b>0.55</b>	<b>0.30</b>			
<b>Part B - Overall Potential Effectiveness</b>																												
Opportunity for Sediment Trapping (from above)	0.75	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.75	0.5	0.75	0.5	0.6	0.75	0.3	0.55	0.3				
Effective floodwater storage (FVI)	0.9	0.5	0.6	1	1	1	0.7	1	0.7	0.9	0.5	0.4	0.7	1	1	1	0.7	1	1	0.8	1	0.8	1	0.1	0.7			
Wetland location in relation to stream, pond, lake	1	1	0.5	0.5	1	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.5	0.5	0.1	0.1	0.5	1	0.1	0.1	0.1	0.1	0.5			
Dominant wetland class bordering surface water	0.1	1	1	1	1	0.1	1	1	0.1	0.1	1	0.1	0.1	0.1	1	1	0.5	0.1	1	0.1	0.1	0.1	0.1	0.1	1			
Area of impounded open water	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	1	1	0.5	1	0.5	0.5	0.5	0.1	0.5	0.5	1	0.1	0.1	1	1	1			
<b>Average - Part B</b>	<b>0.65</b>	<b>0.66</b>	<b>0.58</b>	<b>0.76</b>	<b>0.80</b>	<b>0.48</b>	<b>0.52</b>	<b>0.66</b>	<b>0.48</b>	<b>0.52</b>	<b>0.74</b>	<b>0.42</b>	<b>0.42</b>	<b>0.38</b>	<b>0.70</b>	<b>0.75</b>	<b>0.44</b>	<b>0.43</b>	<b>0.70</b>	<b>0.92</b>	<b>0.37</b>	<b>0.50</b>	<b>0.37</b>	<b>0.70</b>				
<b>Evaluation Area (Area of wetland in acres)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>				
Functional Value 10. Nutrient Attenuation																												
<b>Part A - Opportunity for Nutrient Attenuation</b>																												
Opportunity for Sediment Trapping (FVI)	0.75	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.75	0.5	0.75	0.5	0.6	0.75	0.3	0.55	0.3				
Potential sources of excess nutrients in watershed	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.5	0.25	0.5	0.8	0.7	0.5	0.1	0.1	0.1				
<b>Average - Part A</b>	<b>0.63</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.50</b>	<b>0.40</b>	<b>0.40</b>	<b>0.40</b>	<b>0.40</b>	<b>0.40</b>	<b>0.20</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.50</b>	<b>0.63</b>	<b>0.38</b>	<b>0.63</b>	<b>0.65</b>	<b>0.65</b>	<b>0.63</b>	<b>0.20</b>	<b>0.33</b>	<b>0.20</b>				
<b>Part B - Overall Potential/Effectiveness</b>																												
Opportunity for nutrient attenuation (from above)	0.625	0.2	0.2	0.2	0.5	0.4	0.4	0.4	0.4	0.2	0.3	0.3	0.5	0.625	0.375	0.625	0.65	0.65	0.625	0.2	0.325	0.2						
Overall potential for Sediment Trapping (FVI)	0.65	0.66	0.58	0.76	0.8	0.48	0.52	0.66	0.48	0.52	0.74	0.42	0.42	0.38	0.7	0.75	0.43	0.7	0.92	0.37	0.5	0.37	0.7					
Dominant wetland class	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
Wetland hydroperiod	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	1	1	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	1	1	1				
<b>Average - Part B</b>	<b>0.69</b>	<b>0.59</b>	<b>0.57</b>	<b>0.74</b>	<b>0.70</b>	<b>0.60</b>	<b>0.61</b>	<b>0.64</b>	<b>0.60</b>	<b>0.73</b>	<b>0.74</b>	<b>0.68</b>	<b>0.68</b>	<b>0.55</b>	<b>0.68</b>	<b>0.72</b>	<b>0.58</b>	<b>0.64</b>	<b>0.71</b>	<b>0.89</b>	<b>0.62</b>	<b>0.68</b>	<b>0.67</b>	<b>0.73</b>				
<b>Evaluation Area (Area of wetland in acres)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>				
Functional Value 11. Shoreline Anchoring																												
Wetland morphology	1	1	N/A	1	1	0.5	1	0.5	0.5	0.5	N/A	N/A	1	1	1	0.5	0.1	1	0.5	1	N/A	1	1	0.5				
Wetland width bordering surface water	1	1		1	1	0.5	1	1	1	1			1	1	1	1	0.5	1	1	1		1	1	1				
Vegetation density	1	1		1	1	1	0.5	0.5	1	1																		

Appendix C, Table 2. Prime Wetland Evaluation, Goffstown, NH, Functional Value Scoring Detail. (Continued.)

**Functional Value 12. Urban Quality of Life**

**Part A - Presence of an Urban Setting**

Dominant land use within 0.5 miles of wetland	0.5	0.1	0.3	0.1	0.25	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.1	0.1	0.5	0.7	0.2	0.1	0.5	0.5	0.5	0.1	0.1	0.5
Rate of development within 0.5 miles of wetland	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.75	0.5	1	0.5	1
<b>Average - Part A</b>	<b>0.50</b>	<b>0.30</b>	<b>0.40</b>	<b>0.30</b>	<b>0.38</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.50</b>	<b>0.50</b>	<b>0.30</b>	<b>0.30</b>	<b>0.50</b>	<b>0.85</b>	<b>0.35</b>	<b>0.30</b>	<b>0.50</b>	<b>0.63</b>	<b>0.50</b>	<b>0.55</b>	<b>0.30</b>	<b>0.75</b>

**Part B - Wetland Wildlife Habitat in Urban Setting**

Area of shallow permanent open water	1										1	0.1			1	1			1	1	0.1	1		1
Wetland diversity	1										1	1			1	1			1	1	1	1		1
Dominant wetland class	1										1	1			1	0.5			1	1	0.5	1		1
Interspersion of wetland classes	1										0.5	0.1			1	1			0.5	0.5	1	1		0.5
Stream corridor vegetation	1										0.5	1			1	1			1	0.5	0.1	0.1		0.1
<b>Average - Part B</b>	<b>1.00</b>										<b>0.80</b>	<b>0.64</b>			<b>1.00</b>	<b>0.90</b>			<b>0.90</b>	<b>0.80</b>	<b>0.54</b>	<b>0.82</b>		<b>0.72</b>
<b>Evaluation Area (Area of wetland in acres)</b>	<b>48.83</b>										<b>27.02</b>	<b>16.08</b>			<b>31.89</b>	<b>8.53</b>			<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>		<b>24.04</b>

**Part C - Educational Opportunity**

Proximity to schools	0.5										0.5	0.5			0.5	1			0.5	0.5	0.5	0.5		0.5
Off road parking	1										0.5	0.1			0.5	0.5			1	1	1	1		0.1
Student safety	1										0.5	0.5			0.5	0.5			0.5	0.5	1	1		1
Access to perennial stream or lake	1										0.5	1			1	1			1	1	0.1	1		1
<b>Average - Part C</b>	<b>0.88</b>										<b>0.50</b>	<b>0.53</b>			<b>0.63</b>	<b>0.75</b>			<b>0.75</b>	<b>0.75</b>	<b>0.65</b>	<b>0.88</b>		<b>0.65</b>
<b>Evaluation Area (Area of potential education site)</b>	<b>5</b>										<b>7</b>	<b>4</b>			<b>5</b>	<b>9</b>			<b>10</b>	<b>2</b>	<b>15</b>	<b>2</b>		<b>4</b>

**Part D - Visual/Aesthetic Quality**

Number of wetland classes visible	1										1	1			1	1			1	1	1	1		1
Dominant wetland class visible	1										1	1			1	1			1	1	0.1	1		1
Approximate extent of open water visible	1										1	0.1			1	1			1	1	0.1	1		1
Area dominated by flowering/foilage plants	1										0.1	1			1	0.1			1	1	1	1		1
General appearance	1										1	1			1	1			1	0.5	1	1		0.5
<b>Average - Part D</b>	<b>1.00</b>										<b>0.82</b>	<b>0.82</b>			<b>1.00</b>	<b>0.82</b>			<b>1.00</b>	<b>0.90</b>	<b>0.64</b>	<b>1.00</b>		<b>0.90</b>
<b>Area visible from primary viewing locations</b>	<b>17</b>										<b>8</b>	<b>4</b>			<b>3</b>	<b>3</b>			<b>15</b>	<b>8</b>	<b>3</b>	<b>2</b>		<b>47</b>

**Functional Value 12. Urban Quality of Life (Continued)**

**Part E - Water Based Recreation**

Water quality	1										1				1	1			1	0.5		1		1
Opportunities for wildlife viewing	1										0.64				1	0.9			0.9	0.8		0.82		0.72
Hazards which may limit public use	1										0	1			0.5	1			0.5	1	0	1		1
<b>Average - Part E</b>	<b>1.00</b>										<b>0.00</b>	<b>0.88</b>			<b>0.83</b>	<b>0.97</b>			<b>0.80</b>	<b>0.77</b>	<b>0.00</b>	<b>0.94</b>		<b>0.91</b>
<b>Area of wetland evaluated for water based recreation</b>	<b>4.8</b>										<b>0.0</b>	<b>0.5</b>			<b>4.2</b>	<b>0.8</b>			<b>9.0</b>	<b>6.9</b>	<b>0.0</b>	<b>9.7</b>		<b>18.0</b>

**Functional Value 13. Historical Site Potential**

Proximity of potential site to nearest perennial watercourse	1	1	0.1	0.1	0.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.1	0.1	0.1	1
Visible stone or earthen foundations, berms, etc.	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
Existence of mill pond	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	1	0.1	0.1	0.5	0.1	1	0.1	0.5	0.5	0.5
Presence of historic buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Average (FVI)</b>	<b>0.63</b>	<b>0.38</b>	<b>0.05</b>	<b>0.15</b>	<b>0.15</b>	<b>0.28</b>	<b>0.28</b>	<b>0.53</b>	<b>0.53</b>	<b>0.53</b>	<b>0.53</b>	<b>0.53</b>	<b>0.28</b>	<b>0.38</b>	<b>0.28</b>	<b>0.75</b>	<b>0.53</b>	<b>0.28</b>	<b>0.40</b>	<b>0.53</b>	<b>0.75</b>	<b>0.05</b>	<b>0.15</b>	<b>0.63</b>
<b>Area of potential site of historical significance (ac)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>

**Functional Value 14. Noteworthiness**

Presence of habitat for threatened or endangered species	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Existing scientific research	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
National natural landmark or exemplary natural community	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Local significance based on WVU rank	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	0	1
Local significance based on rare or unique features	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Archeological site presence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
State or federally designated river present	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Average (FVI)</b>	<b>0.29</b>	<b>0.14</b>	<b>0.29</b>	<b>0.43</b>	<b>0.43</b>	<b>0.14</b>	<b>0.14</b>	<b>0.14</b>	<b>0.14</b>	<b>0.14</b>	<b>0.14</b>	<b>0.14</b>	<b>0.29</b>	<b>0.14</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.43</b>	<b>0.29</b>	<b>0.14</b>
<b>Evaluation Area (Total area of Wetland)</b>	<b>48.83</b>	<b>10.59</b>	<b>8.85</b>	<b>24.63</b>	<b>41.38</b>	<b>5.71</b>	<b>2.37</b>	<b>3.57</b>	<b>5.69</b>	<b>24.4</b>	<b>27.02</b>	<b>16.08</b>	<b>35.31</b>	<b>5.34</b>	<b>31.89</b>	<b>8.53</b>	<b>42.41</b>	<b>35.53</b>	<b>29.95</b>	<b>11.12</b>	<b>15.42</b>	<b>9.73</b>	<b>20.1</b>	<b>24.04</b>

Figure 5-1: WVU-Ecological Integrity

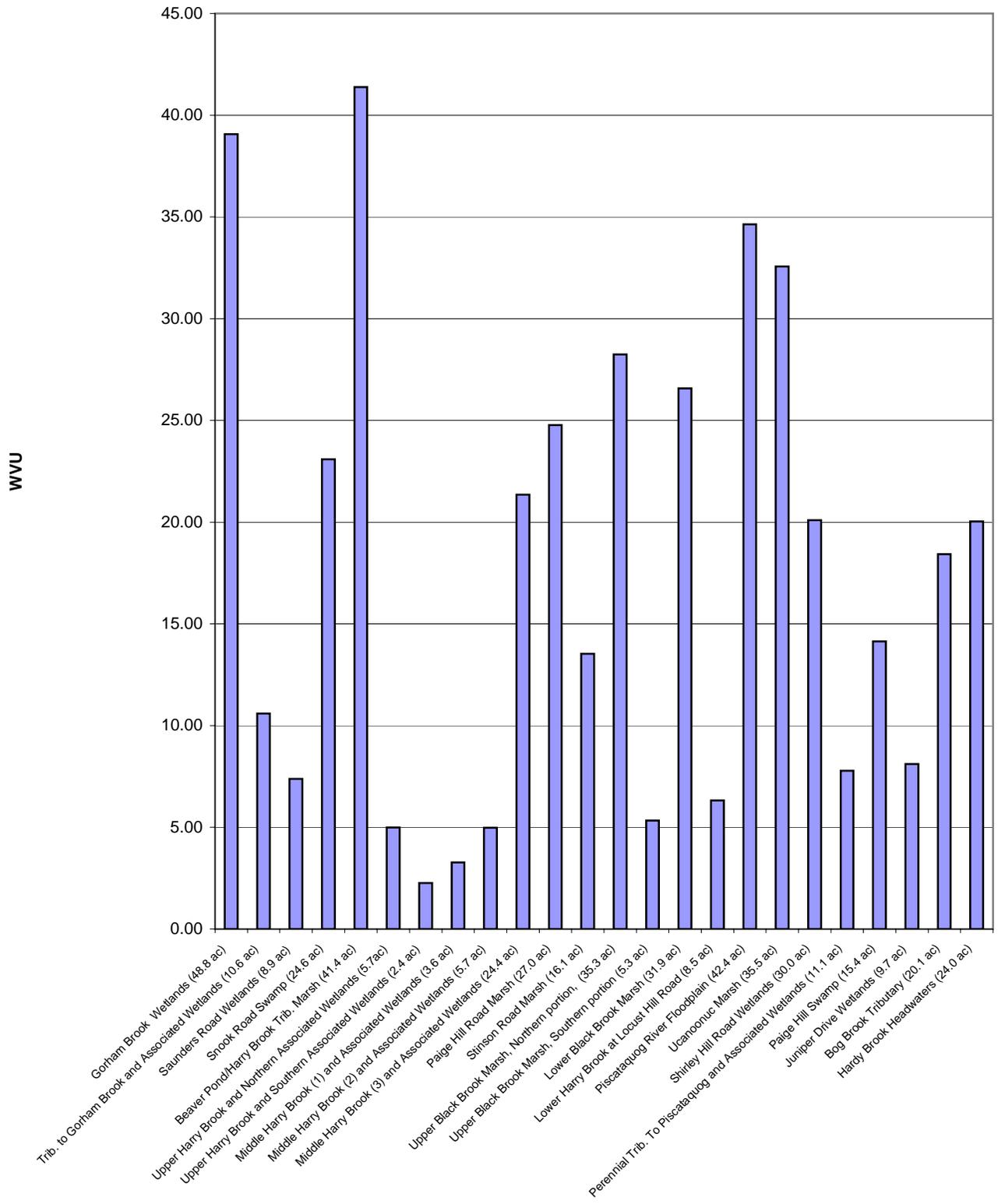


Figure 5-2: WVU-Wetland Wildlife Habitat

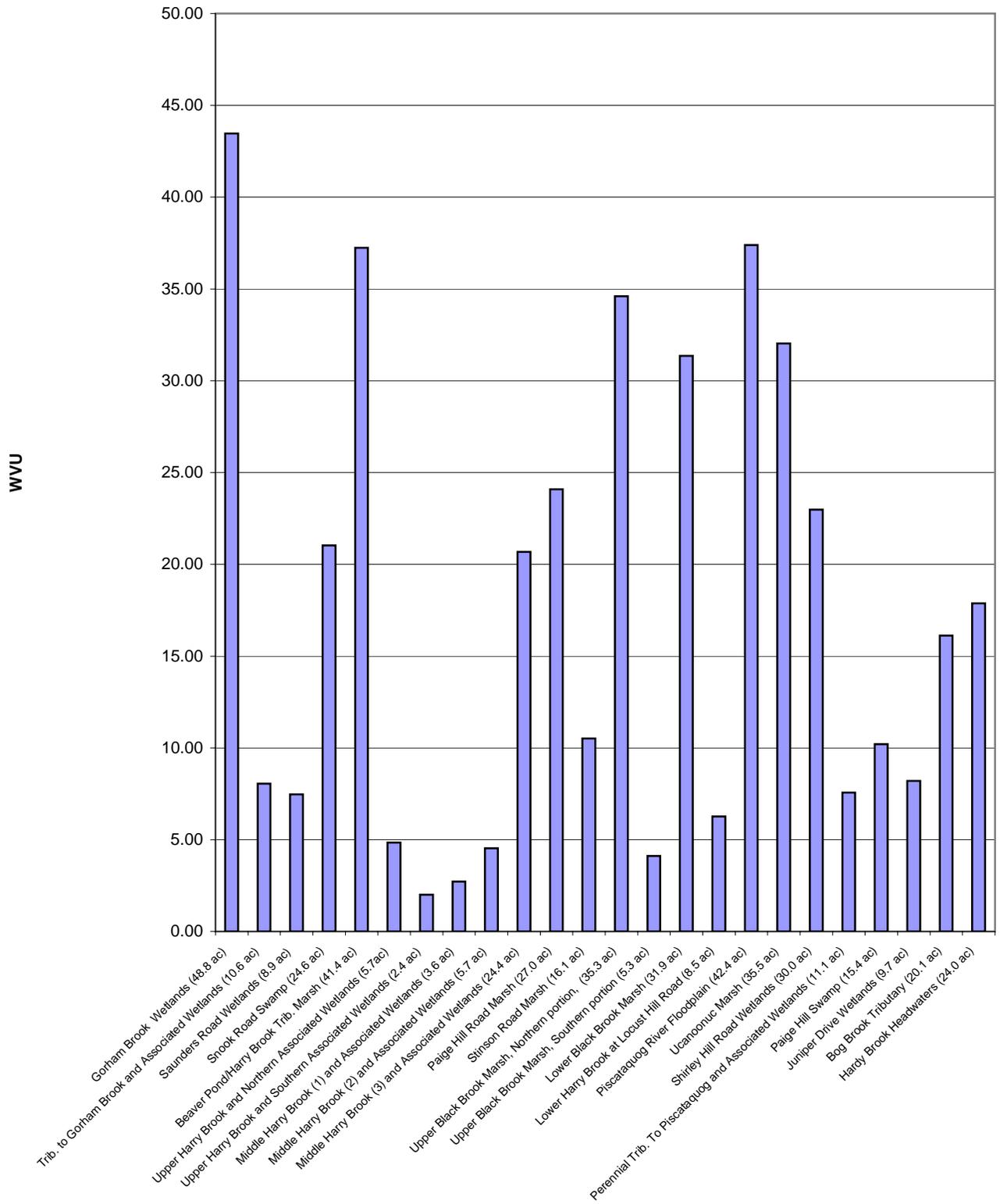


Figure 5-3: WVU-Finfish Habitat

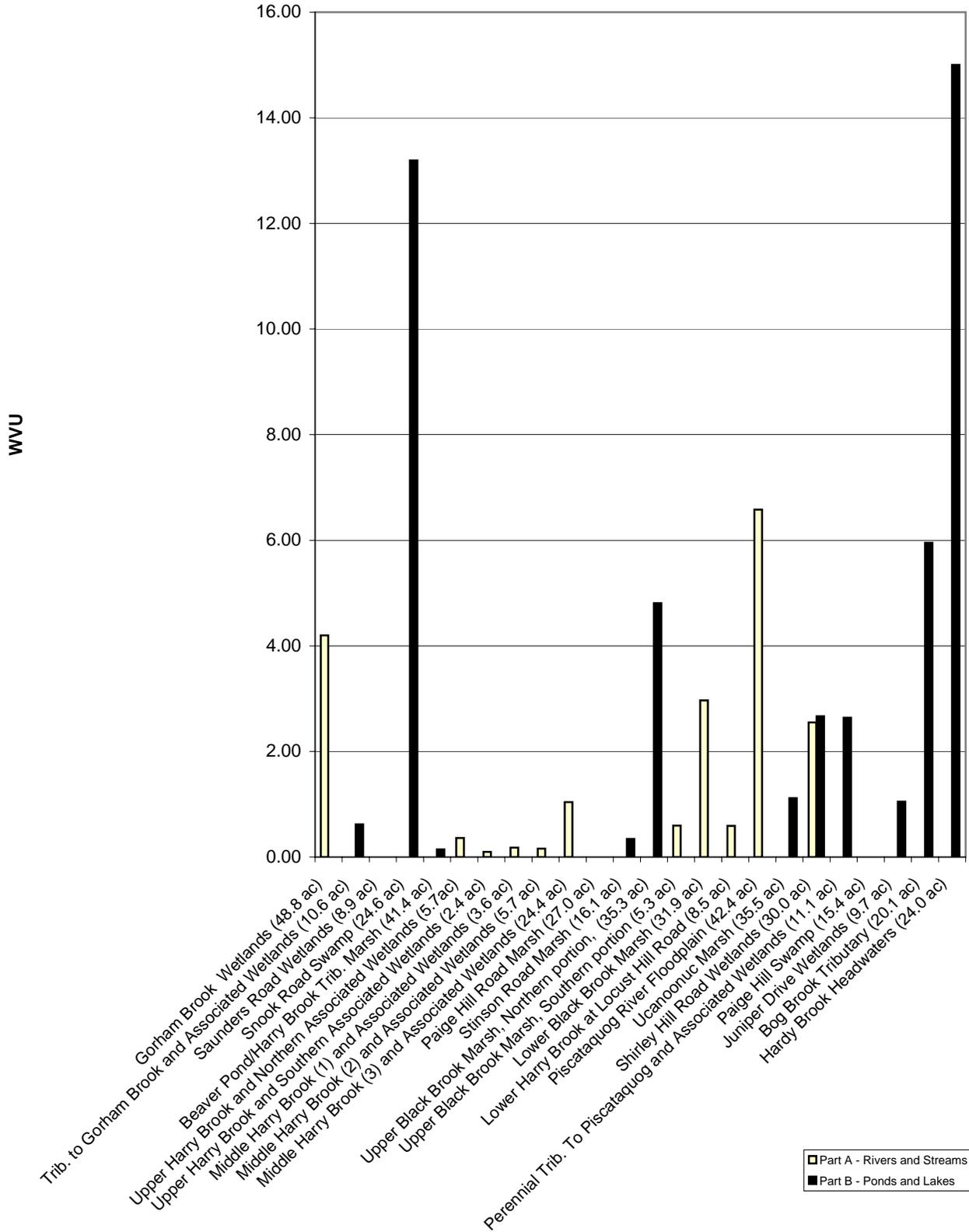


Figure 5-4: WVU-Educational Potential

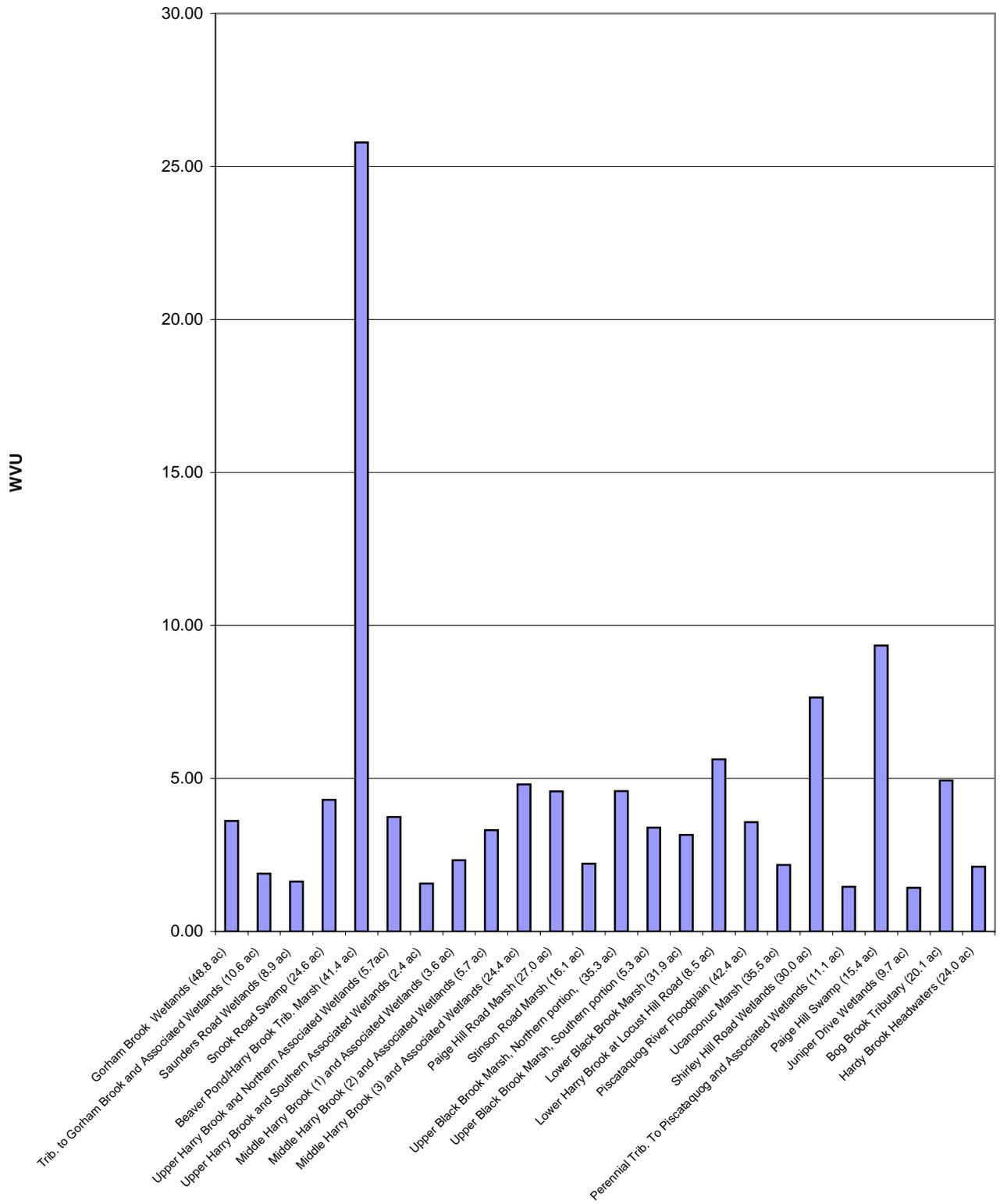


Figure 5-5: WVU-Visual Aesthetic Quality

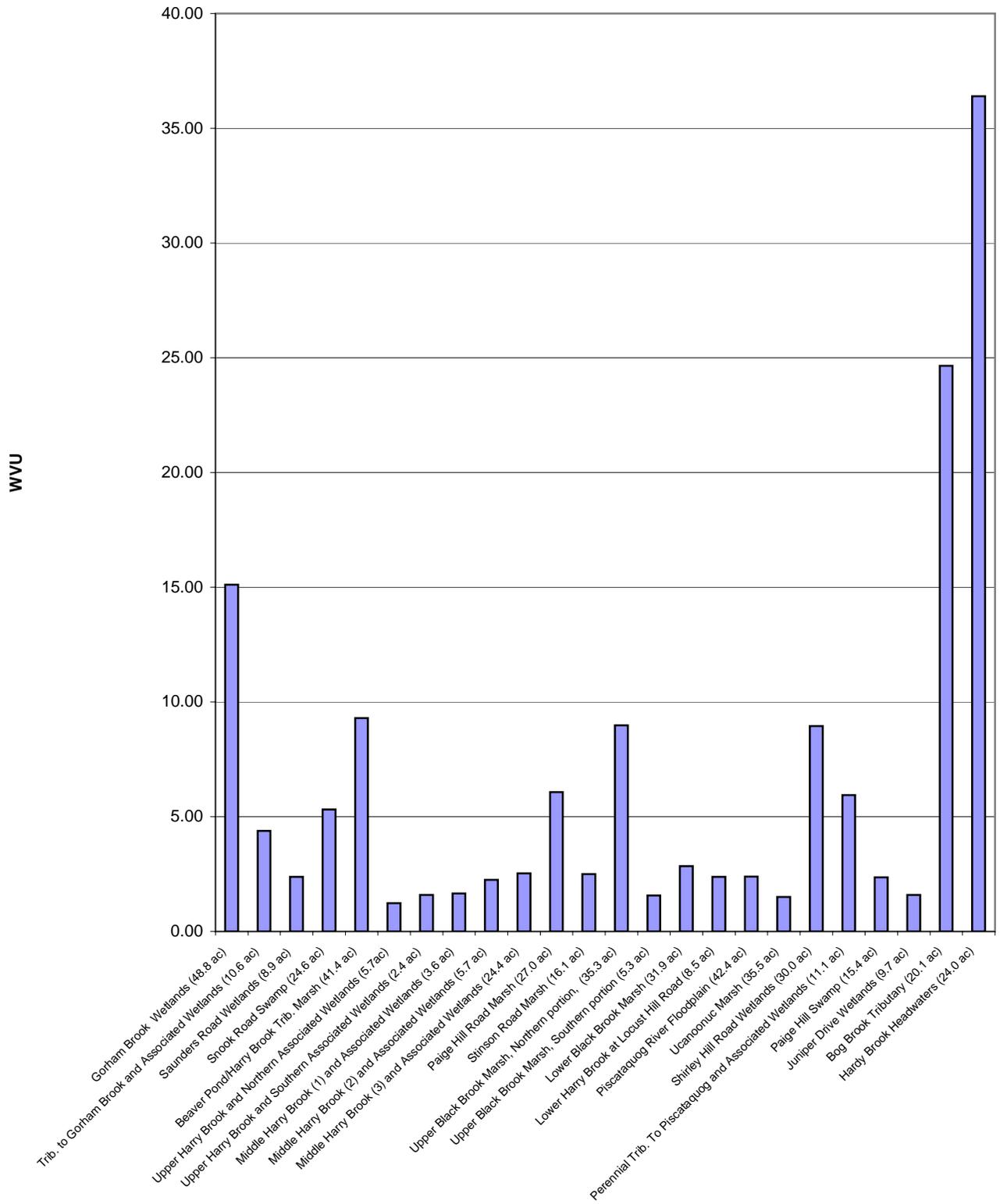


Figure 5-6: WVU-Water-based Recreation

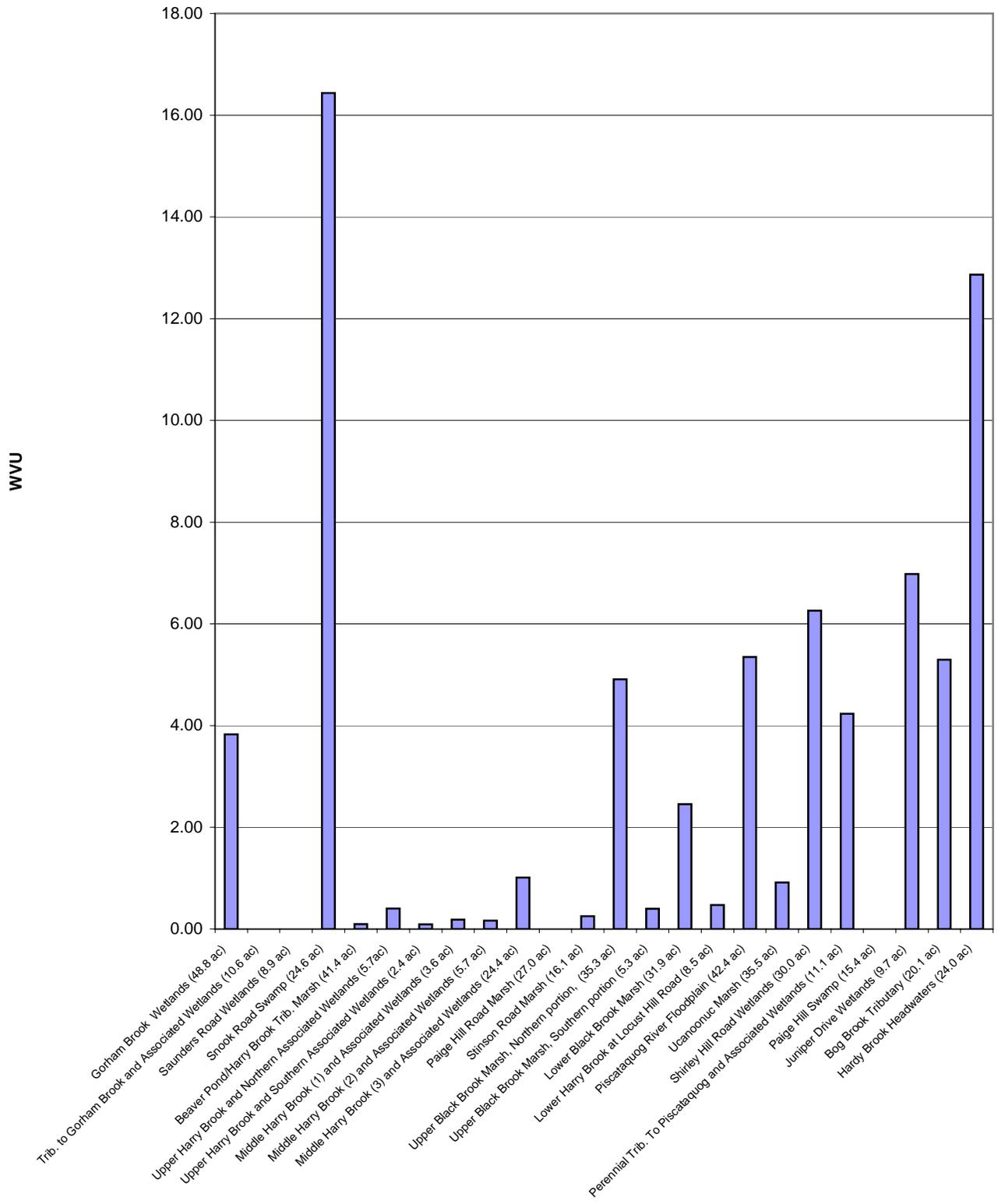


Figure 5-7: WVU-Flood Control Potential

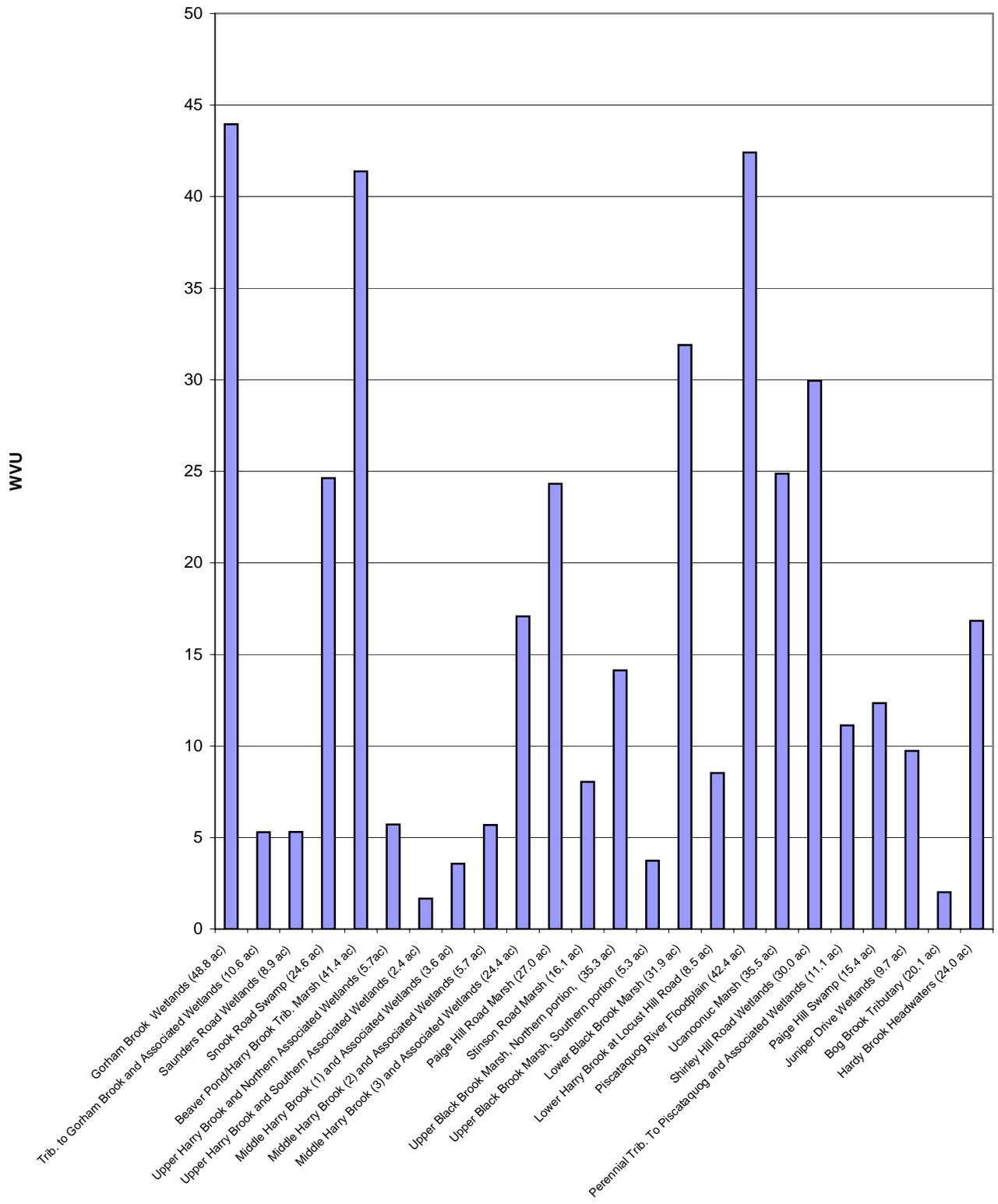


Figure 5-8: WVU-Ground Water Use Potential

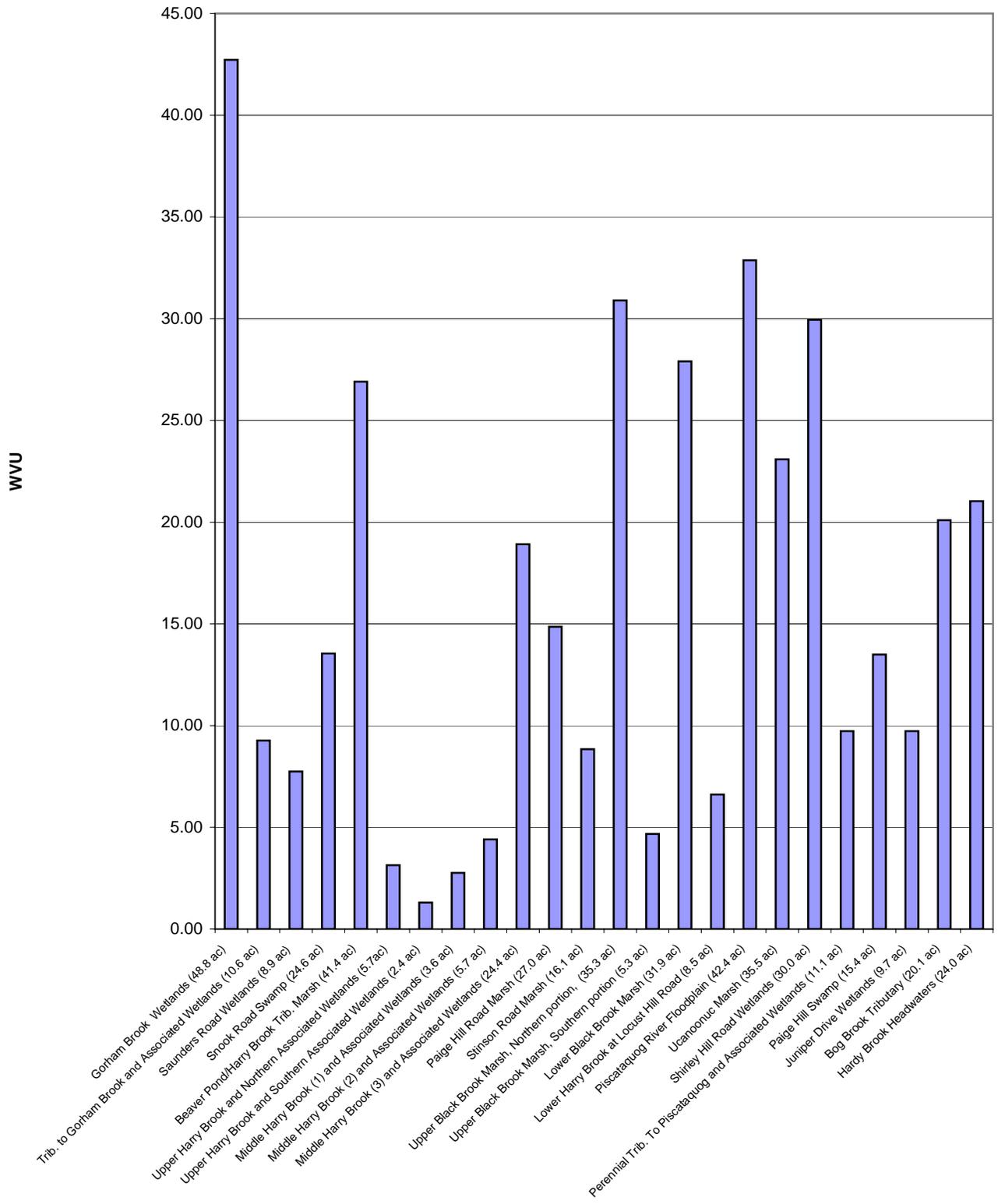


Figure 5-9: WVU-Sediment Trapping

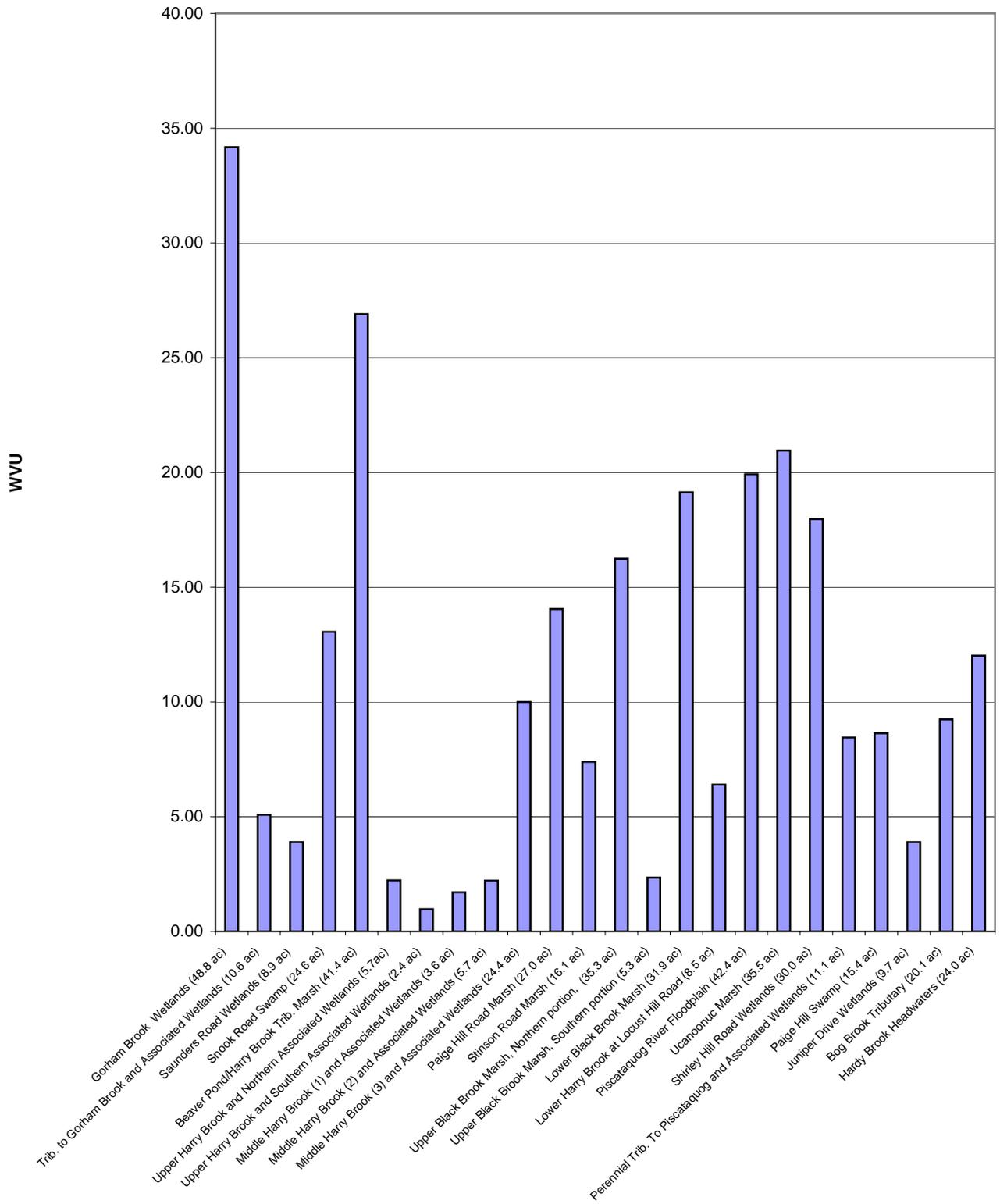


Figure 5-10: WVU-Nutrient Attenuation

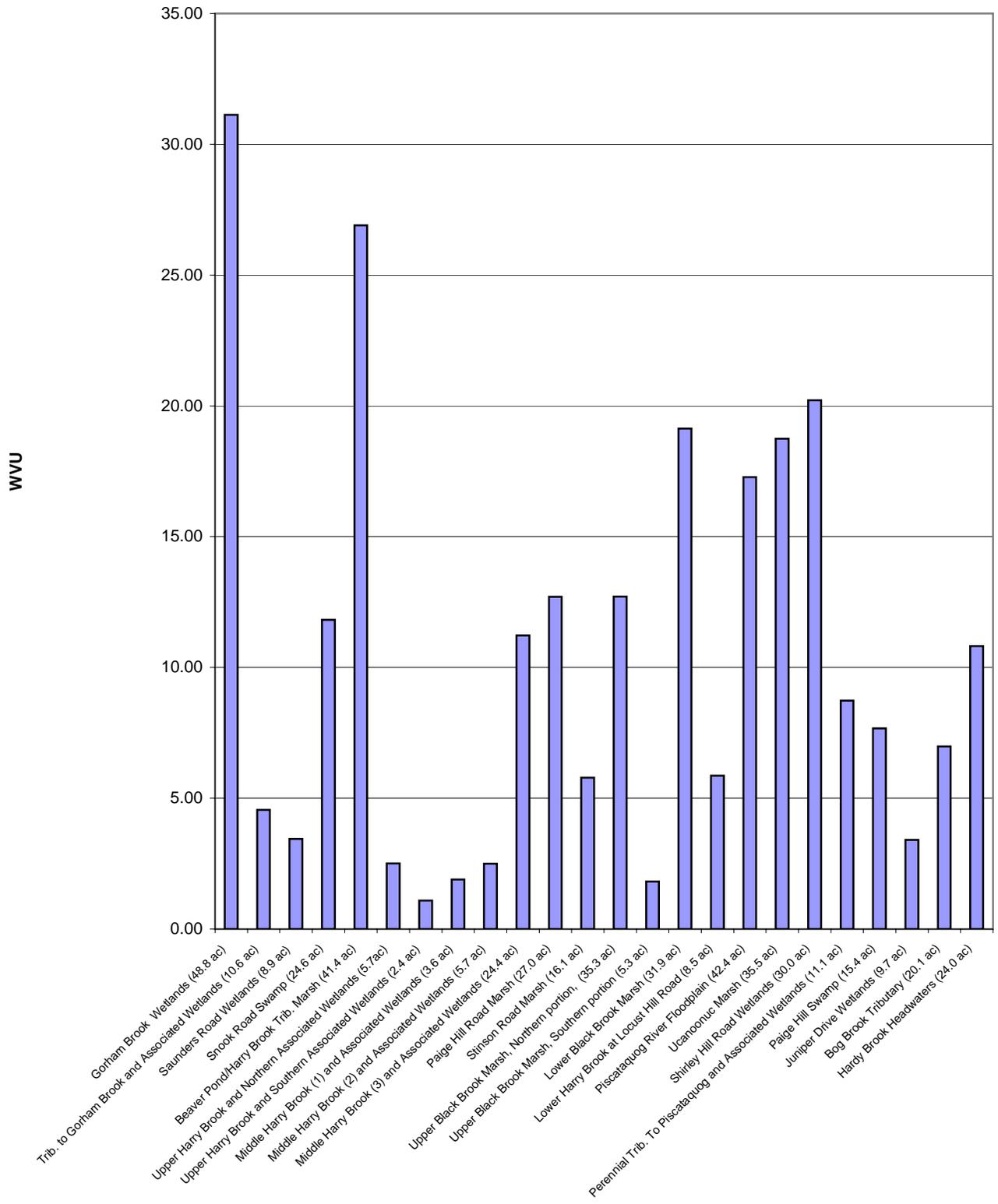


Figure 5-11: WVU-Shoreline Anchoring and Dissipation of Erosive Forces

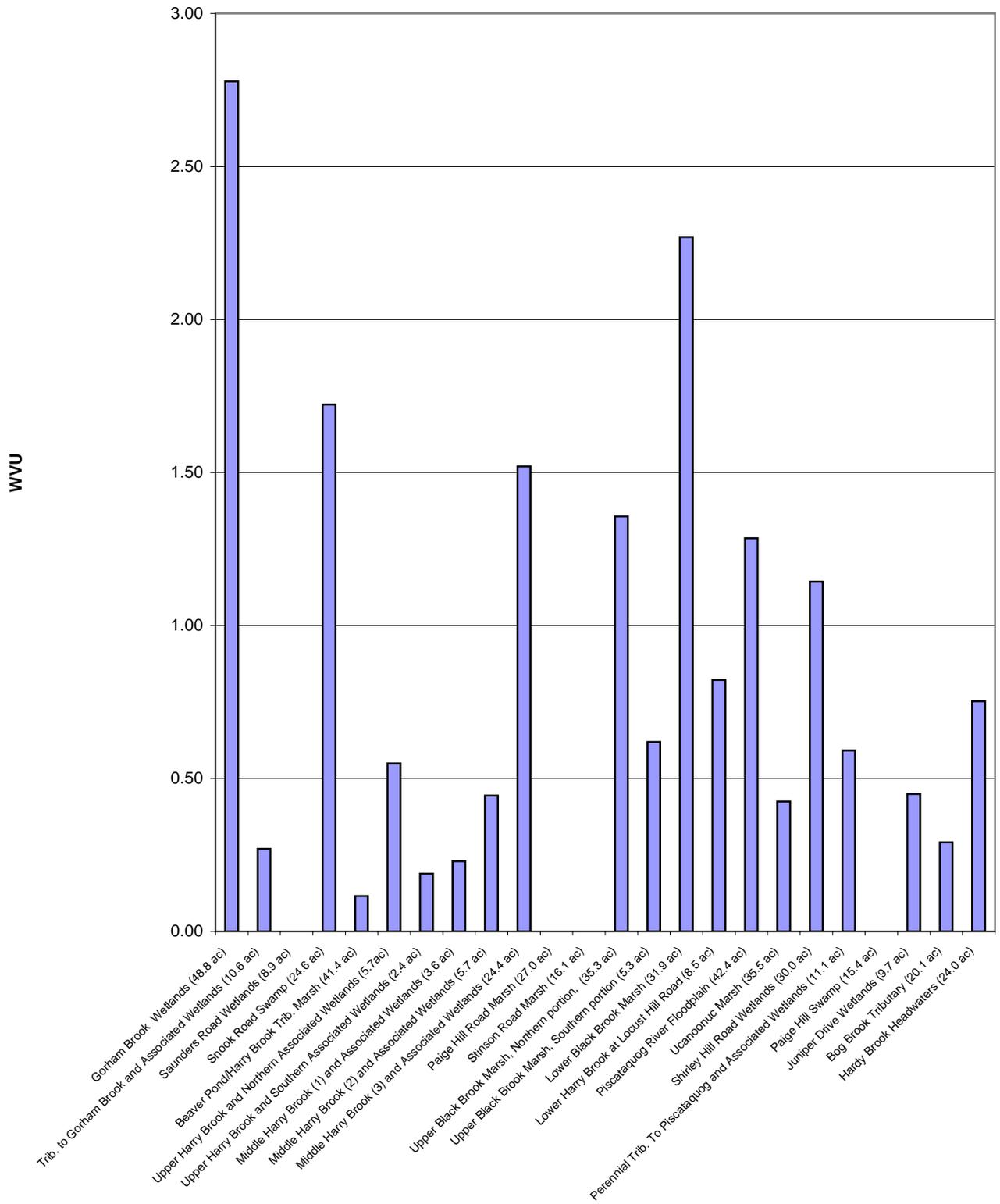


Figure 5-12: WVU-Urban Quality of Life

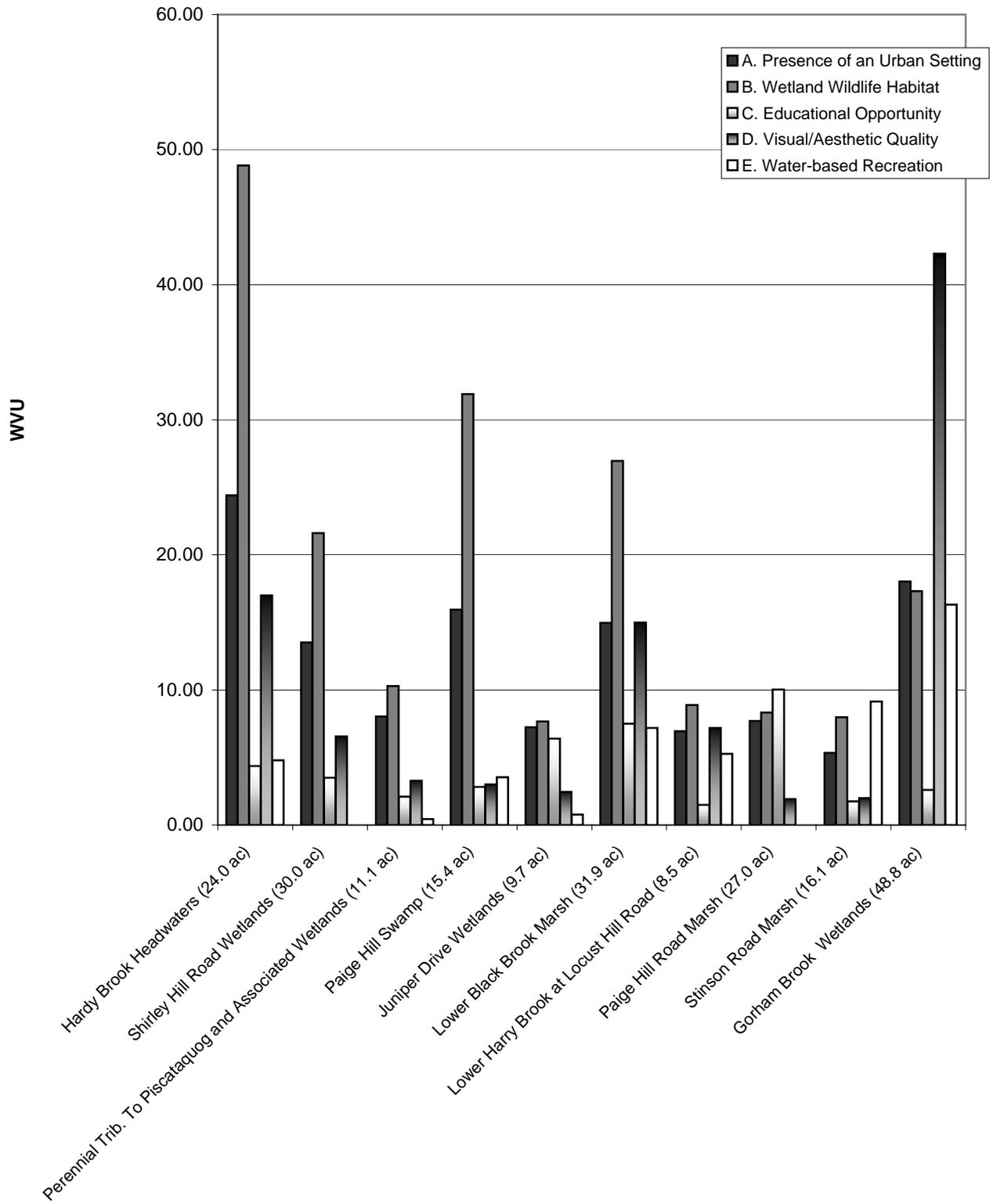


Figure 5-13: WVU-Historical Site Potential

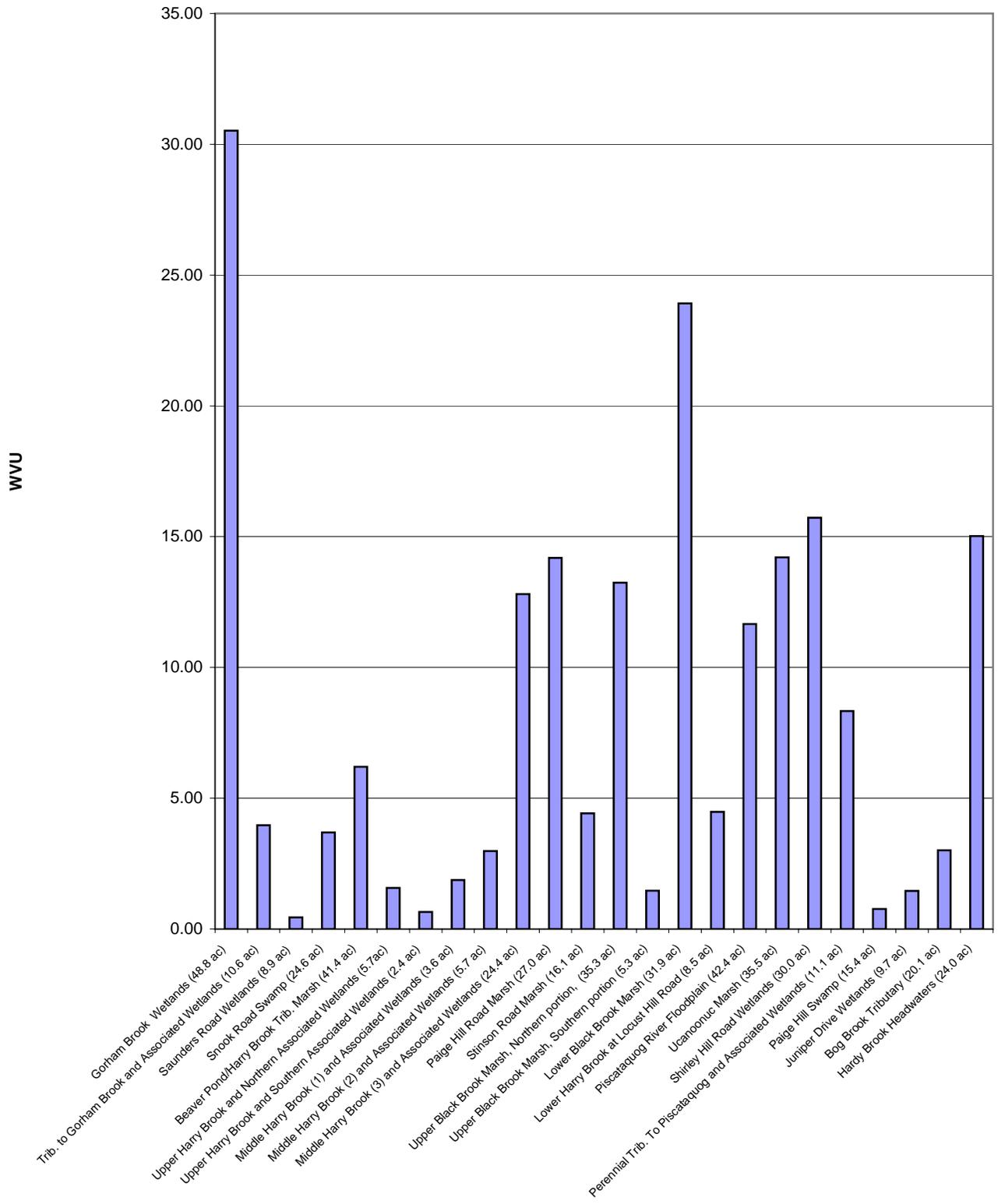


Figure 5-14: WVU-Noteworthiness

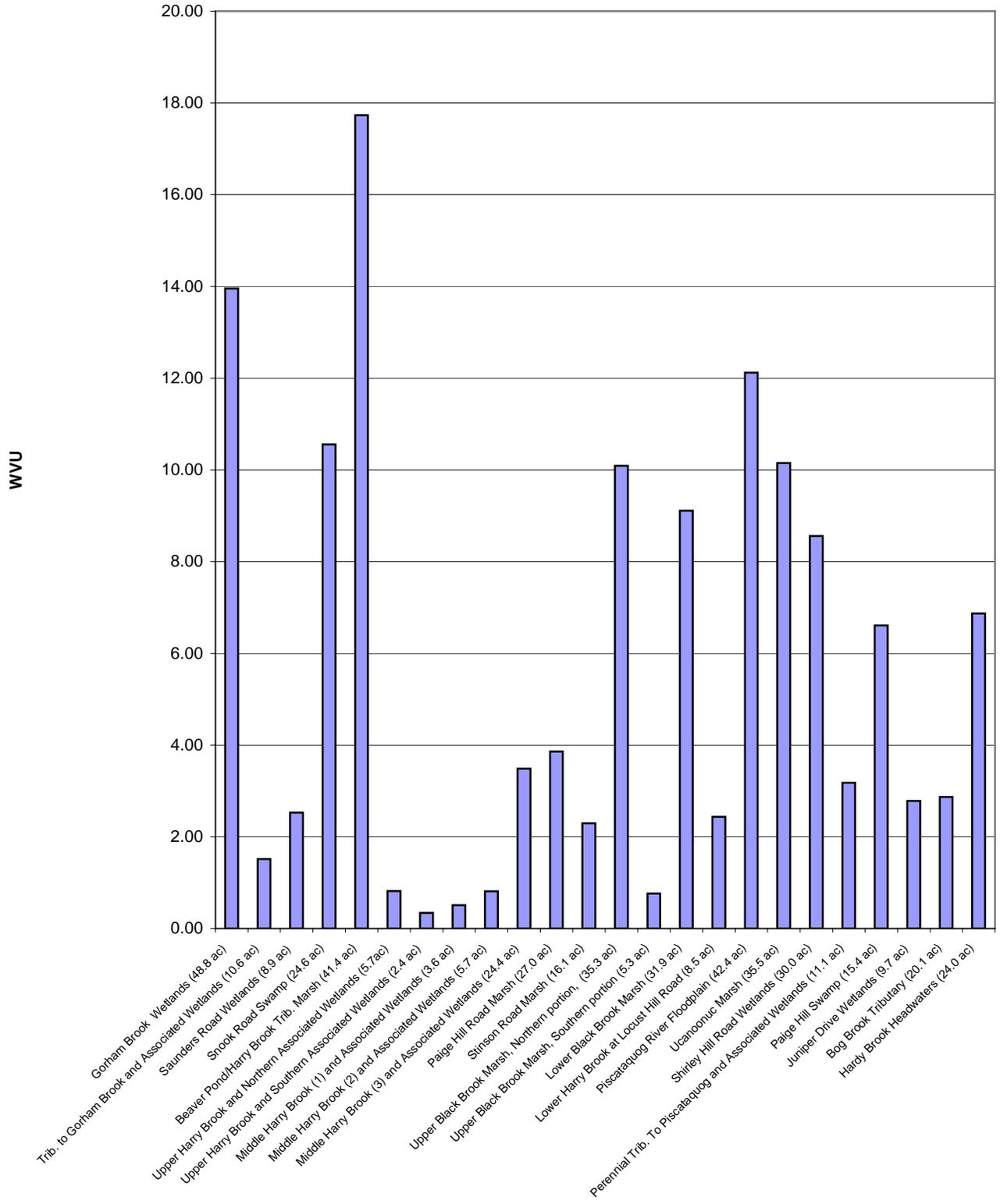
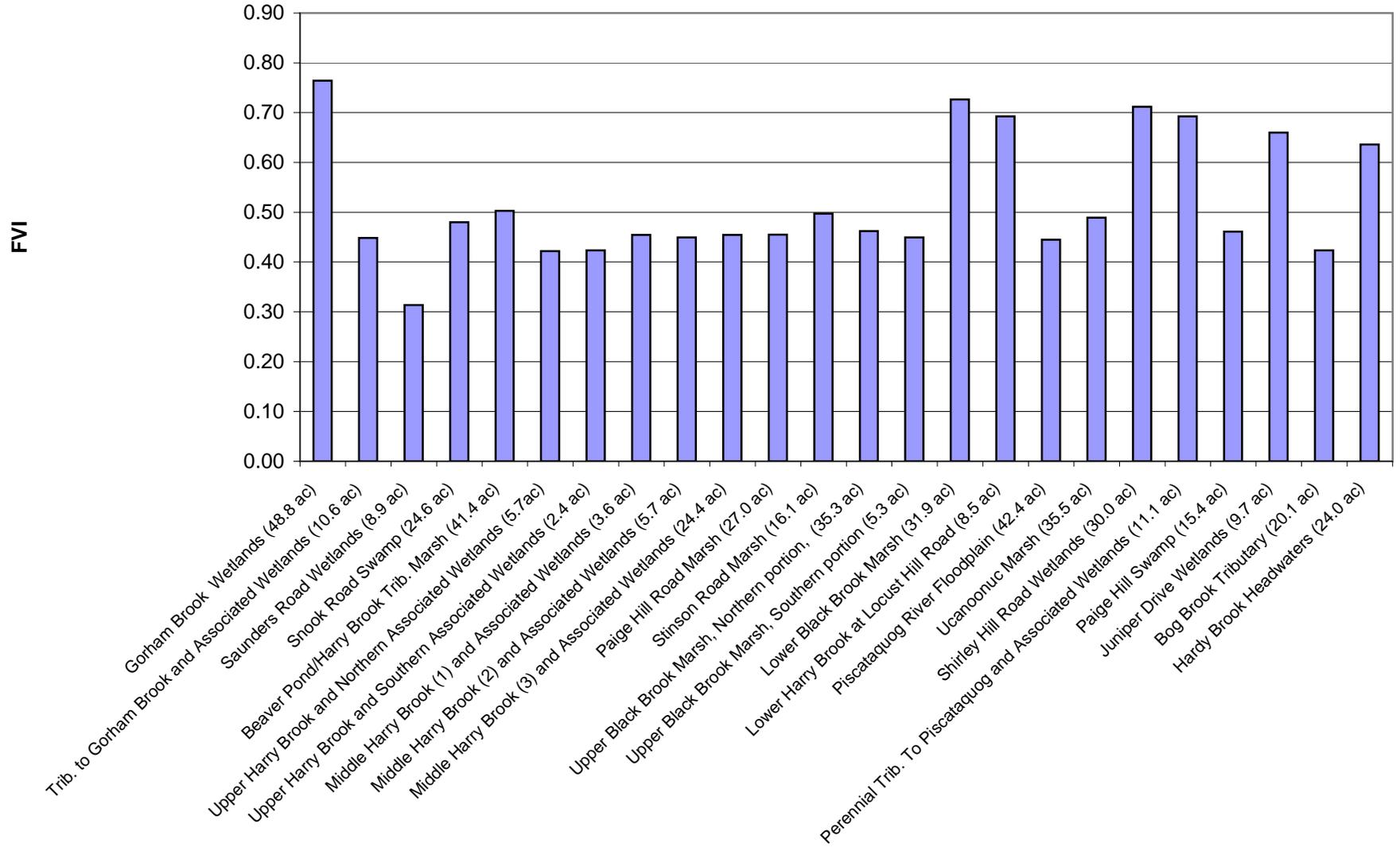


Figure 5.15: Average FVI



**Figure 5-16: Total WVUs**

