

DESCRIPTION OF OZAUKEE COUNTY FISH PASSAGE BARRIER PRIORITIZATION

Tributary Impediment Fragmentation Score = $1/[(C/D) \cdot (\sum_{i=0}^Q E_i)]$

"C" = 0 = no priority

Low scores = low priority

High scores = high priority

Tributary Impediment Prioritization

"C" = Impediment Ordination	Description	"D" = Tributary Sub-Basin Fragment Length		Description	"E" = Impediment Significance
		(Miles)	"Y"		
0	Reach not isolated from mainstem river			"Y" total miles of tributary sub-basin channel fragment(s) length isolated by the impediment	1 Small-Scale Conservation Corps Impediment ¹ (SSCC)
1	Reach isolated from mainstem river by 1 impediment				2 Large-Scale Conservation Corps Impediment ² (LSCC)
2	Reach isolated from mainstem river by 2 impediment				5 Publicly Owned "Public Works" Impediment ³ (PUPW)
3	Reach isolated from mainstem river by 3 impediment				7 Privately Owned "Public Works" Impediment ⁴ (PRPW)
4	Reach isolated from mainstem river by 4 impediment				10 Publicly Owned "DOT" Impediment ⁵ (PUDOT)
"Q"	Reach isolated from mainstem river by "Q" number of impediments				10 Invasive Vegetation Impediment ⁶ (INVE)
				"1000•Q"	Permanent Natural Impediment ⁷ (PENA)

Notes:

1 - Impediments requiring no engineering, design, or permitting that can be removed in approximately 8 hours or less by a 4-person crew using hand labor and light equipment (e.g., pervious fill dredging not exceeding 3 cu yd, small debris jams, invasive vegetation removal not exceeding 0.5 acres, etc.).

2 - Impediments requiring no engineering and minimal design and permitting that can be removed using hand labor and light equipment (e.g., pervious fill dredging exceeding 3 cu yd, large debris jams, invasive vegetation removal exceeding 0.5 acres).

3 - Impediments requiring design, engineering, and/or permitting that are located primarily within public right-of-ways or other public lands and require heavy equipment for removal/remediation and/or temporary road closure.

4 - Impediments requiring design, engineering, and/or permitting that are located primarily within private property (or require access through private property) and require heavy equipment for removal/remediation and/or temporary road closure.

5 - Impediments requiring design, engineering, permitting, and State Dept. of Transportation lett and/or oversight that are located primarily within public right-of-ways or other public lands and require heavy equipment/remediation and/or temporary road closure.

6 - Invasive and/or non-native vegetation that overtakes channel, disrupts flow, and/or blocks aquatic organism ingress or egress. Common examples include sandbar willow (*Salix exigua*), reed canary grass (*Phalaris arundinacea*), and cattail (*Typha sp.*).

7 - Common examples include natural grade/velocity impediments (e.g., waterfalls, cascades), natural wetland flow dispersion, or natural flow infiltration and interstitial flow.

# Remaining Barriers	4	18	31	41	16	7	117		# Remaining Barriers	1	0	0	0	1	115	117
				MRSB96											MRSB96	
			MRSB97												MRSB97	
			MRSB98												MRSB98	
			MRSB99												MRSB99	
			MRSB100												MRSB100	
			MRSB101												MRSB101	
			MRSB102												MRSB102	
			MRSB103												MRSB103	
			MRSB104												MRSB104	
			MRSB105												MRSB105	
			MRSB106												MRSB106	
			MRSB107												MRSB107	
			MRSB108												MRSB108	
			MRSB109												MRSB109	
			MRSB110												MRSB110	
			MRSB111												MRSB111	
			MRSB112												MRSB112	
			MRSB113												MRSB113	
				MRSB114											MRSB114	
				MRSB115											MRSB115	
					MRSB116										MRSB116	
					MRSB117										MRSB117	