

**Appendix II.** Summary of the total number of 1-m shoreline segments for each environmental parameter in relation to a Vulnerability index (VINDEX) rank of 2 to 9 for each wildlife area.

Appendix IIa. Structural type of shoreline segments

Site	VINDEX:	2	3	4	5	6	7	8	9	Total
Elk River Wildlife Area	Bridge abutment	0	0	2	1	0	0	0	0	3
Elk River Wildlife Area	Dike	0	4	17	50	158	225	335	920	1,709
Elk River Wildlife Area	Fill	0	0	0	0	0	0	4	291	295
Elk River Wildlife Area	None	0	0	0	0	11	17	111	777	916
Elk River Wildlife Area	Road	0	0	0	0	0	0	8	0	8
Fay Slough Wildlife Area	Dike	0	2	36	184	730	1,374	725	42	3,093
Fay Slough Wildlife Area	None	0	0	0	0	0	1	5	366	372
Fay Slough Wildlife Area	Road	0	0	0	0	14	21	5	0	40
Mad River Slough Wildlife Area	Dike	515	782	332	277	9	188	626	134	2,863
Mad River Slough Wildlife Area	Road	0	0	0	4	50	61	23	0	138

Appendix IIb. Cover type of shoreline segments

Site	VINDEX:	2	3	4	5	6	7	8	9	Total
Elk River Wildlife Area	Concrete	0	0	2	1	0	0	0	0	3
Elk River Wildlife Area	Exposed	0	0	0	0	2	4	4	0	10
Elk River Wildlife Area	Rock	0	0	0	0	0	0	8	0	8
Elk River Wildlife Area	Vegetated	0	4	17	50	167	238	446	1,988	2,910
Fay Slough Wildlife Area	Exposed	0	0	0	0	4	245	9	0	258
Fay Slough Wildlife Area	Rock	–	–	–	–	14	21	5		40
Fay Slough Wildlife Area	Vegetated	0	2	36	184	726	1,130	721	408	3,207
Mad River Slough Wildlife Area	Concrete	40	51	95	39	0	0	0	0	225
Mad River Slough Wildlife Area	Exposed	0	0	0	0	0	0	17	21	38
Mad River Slough Wildlife Area	Rock	475	684	223	225	6	0	0	0	1,613
Mad River Slough Wildlife Area	Rock-concrete	0	0	14	13	0	0	0	0	27
Mad River Slough Wildlife Area	Vegetated	0	47	4	53	249	632	113	0	1,098

Appendix IIc. Marsh type shoreline segments

<b>Site</b>		<b>VINDEX:</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>Total</b>
Elk River Wildlife Area	None		0	0	2	12	64	88	317	694	1,177
Elk River Wildlife Area	Salt		0	4	17	39	105	154	141	1,294	1,754
Fay Slough Wildlife Area	Brackish		0		16	113	244	396	263	408	1,440
Fay Slough Wildlife Area	Salt		0	2	14	58	477	394	344	0	1,289
Fay Slough Wildlife Area	None		–	–	6	13	23	606	128	0	776
Mad River Slough Wildlife Area	None		432	617	236	228	3	0	0	0	1,516
Mad River Slough Wildlife Area	Salt		84	165	96	53	56	249	648	134	1,485