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Appendix. The restoration sites, with their characteristics, evaluated to determine planting success. Details about planting, site protection and maintenance are provided in the text. Maximum fetch was determined from maps provided by the Minnesota DNR. Location, substrate, and light conditions were determined in the field. Site area was determined by DNR records and the use of GIS.

Lake name	County	Planted area (m ²)	Year restored	Location on lake	Maximum Fetch (m)	Soil/Substrate ¹	Pre-project site condition	Restoration technique ^{1, 2}	Protection ^{3, 4}	Maintenance ^{3, 4}	Light
Bald Eagle Lake	Ramsey	790	2000	NE	2092	U: loamy fine sand T: loamy coarse sand A: medium gravelly loamy sand	Mowed turf	U: p T: p, s A: p, pot	ST: 2 LT: none	ST: Weeding: 1 Watering: 2	U: full, partial T: full-partial A: full
Como Lake	Ramsey	1412	2002	NW	772	U: fine sandy loam T: mucky fine sandy loam A: mucky fine sandy loam	Mowed turf	U: p T: p A: p	ST: 2 LT: none	ST: Weeding: 2 Watering: 3 LT: Weeding: 2	U: partial T: partial A: full
Lake Johanna	Ramsey	771	2001	N	1272	U: medium gravelly fine sandy loam A: extremely medium gravelly sand	Mowed turf	U: p A: p	ST: 2, 3, 5 LT: none	ST: Watering: 2	U: partial-shaded A: full

Lake Josephine	Ramsey	353	1999	SE	837	U: loamy fine sand T: very medium gravelly loamy sand A: medium gravelly sand	Mowed turf	U: pot T: p A: p	ST: 2, 5 LT: none	ST: Weeding: 1 Watering: 2	U: full T: full A: full
Lake Nokomis	Hennepin	4798	2001	E	1046	U: fine sandy loam	Beach	U: p, s T: p, s A: p	ST: 2, 5 LT: none	ST: Weeding: 1 Watering: 1 LT: Weeding: 2	U: full
Lake Susan	Carver	2323	2002	N	644	U: loam T: sand A: loamy sand	Mowed turf	U: p T: p A: p, pots	ST: 4, 5 LT: 1	ST: Weeding: 1 Watering: 2 LT: Weeding: 2	U: full-partial T: full-partial A: full
LeMay Lake	Dakota	1626	2003	SW	467	U: loamy coarse sand T: mucky coarse sandy loam A: extremely medium gravelly loamy coarse sand	Mowed turf	U: p, s T: p, s A: p	ST: 4 LT: 1	ST: Weeding: 2 Watering: 4 LT: Weeding: 1	U: full-partial T: full-partial A: full

Long Lake	Hennepin	1115	1999	W	2060	U: clay loam T: silt loam A: loamy coarse sand	Mowed turf	U: p T: p A: m	ST: 4, 5 LT: 2	ST: Weeding: 3 Watering: 3 LT: Weeding: 2 Watering: 1	U: full T: full A: full
Lower Penn Lake	Hennepin	1858	2000	N	547	U: loamy fine sand T: loamy sand A: mucky sand	Mowed turf	U: p, s T: p, s A: m	ST: 2, 4 LT: 2	ST: Weeding: 2 Watering: 2 LT: Weeding: 1	U: full-partial T: full-partial A: full
Medicine Lake	Hennepin	418	2004	W	1770	U: fine sandy loam T: loamy sand A: medium gravelly loamy sand	Mowed turf	U: p T: p, m A: p, m	ST: 4 LT: 1	ST: Weeding: 1 Watering: 4 LT: Weeding: 1	U: full T: full A: full
Middle Twin Lake	Hennepin	1133	2003	SE	805	U: fine sandy loam T: fine sand A: coarse sand	Mowed turf	U: p T: p A: p	ST: 2, 3 LT: 1	ST: Weeding: 1 Watering: 3	U: full T: full A: full
Noerenberg Lake	Hennepin	1812	2000	N	2092	U: fine sandy loam T: hemic (organic)	Mowed turf	U: p T: p	ST: none LT: none	ST: Weeding: 2 Watering: 3	U: full T: full

						A: sand				LT:	
										Weeding: 2	
Phalen Lake	Ramsey	3623	2002	SE	1046	U: fine sandy loam T: hemic (organic) A: loam	Mowed turf	U: p, s T: p, s A: m, pot	ST: 2 LT: 1	ST: Weeding: 1 Watering: 1 LT: Weeding: 1	U: full-partial T: full-partial A: full
Phalen Lake	Ramsey	4459	2003	SW	1432	U: loam T: mucky loam A: coarse gravel	Mowed turf	U: p, s T: p, s A: pot	ST: 2 LT: 1	ST: Weeding: 1 Watering: 1 LT: Weeding: 1	U: full-partial T: full-partial A: full
Phalen Lake	Ramsey	2230	2003	N	1770	U: fine sandy loam T: mucky fine sandy loam A: fine loamy sand	Mowed turf	U: p, s T: p A: m	ST: 2 LT: 1	ST: Weeding: 1 Watering: 1 LT: Weeding: 1	U: full-partial T: full-partial A: full
Phalen Lake	Ramsey	3716	2004	NWN	1674	U: fine loamy sand T: mucky fine sandy loam A: sand	Mowed turf	U: p, s T: p, s A: m, pot	ST: 2, 4 LT: 1	ST: Weeding: 1 Watering: 1 LT:	U: partial-shaded T: full-partial

										Weeding: 1	A: full
Phalen Lake	Ramsey	2461	2004	NWS	1175	U: sandy loam T: mucky fine sandy loam A: coarse sand	Mowed turf	U: p, s T: p, s A: m, pot	ST: 2, 4 LT: 1	ST: Weeding: 1 Watering: 1 LT: Weeding: 1	U: partial-shaded T: full-partial A: full
Prior Lake	Scott	669	2004	N	2816	U: loam T: sand A: fine gravel	Mowed turf	U: p T: p A: pot	ST: 2 LT: 1	ST: Weeding: 1 LT: Weeding: 1	U: partial-shaded T: full-partial A: full
Rogers Lake	Dakota	1812	2002	N	950	U: loamy sand T: loamy sand A: loamy coarse sand	Mowed turf	U: p T: p A: p	ST: 3 LT: none	ST: Weeding: 1 LT: Weeding: 2	U: full T: full A: full
Simley Lake	Dakota	1073	2002	N	241	U: fine sandy loam T: fine sandy loam A: fine sandy loam	Mowed turf	U: p T: p, m A: p	ST: 2, 4 LT: none	ST: Watering: 1 LT: Weeding: 1	U: partial-shaded T: full-partial A: full
Thompson Lake	Dakota	929	2002	E	209	U: sandy loam T: sandy loam A: loamy fine	Mowed turf	U: p T: p	ST: 2, 4 LT: none	ST: Weeding: 2	U: full T: full

						sand		A: p, m		Watering: 1	A: full
										LT:	
										Weeding: 1	
Wolfe Lake	Hennepin	4645	2002	W, E and N	177	U: sandy loam	Mowed turf	U: p, s	ST: none	ST:	U: full
						T: mucky sandy loam		T: p, s	LT: none	Weeding: 1	T: full
						A: mucky loamy sand		A: p, m		Watering: 2	A: full
										LT:	
										Weeding: 1	

1. U = upland zone, T = transition zone, A = aquatic zone.

2. s = use of seed, p = plugs of vegetation were planted, pot = planting vegetation in 10-cm square containers or larger, and m = the installation of pre-vegetated material grown through coir fiber.

3. SL = short-term - the growing season during which the restoration was planted, LT = long-term - the time period following the first growing season.

4. 1 = fencing that partially protected the upland and transition zones, 2 = fencing that completely enclosed the upland and transition zones, 3 = fencing that partially protected the aquatic zone, 4 = fencing that completely enclosed the aquatic zone, and 5 = use of a wave break. In all cases, fencing is a permanent site structure where it has been used long-term.

5. Weeding and watering, the most common maintenance activities, are noted where they occurred. Other potential maintenance activities were not consistently noted in DNR files. 1=once or twice per season, 2=once or twice per month, 3=approximately weekly, and 4 = more than weekly

