

APPENDIX 12-VI

Overall Local Study Area and Regional Study Area Land Cover Areas

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Overall Vegetation and Wetlands Local Study Area and Regional Study Area Land Cover Areas

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Ecosite/ Polytype Code	Title	Local Study Area					Regional Study Area				
		Base Case (ha)	Project Case (ha)	Change in Area from Base Case to Project Case (ha)	Cumulative Effects Case (ha)	Change in Area from Base Case to Cumulative Effects Case (ha)	Base Case (ha)	Project Case (ha)	Change in Area from Base Case to Project Case (ha)	Cumulative Effects Case (ha)	Change in Area from Base Case to Cumulative Effects Case (ha)
BFL	Buffered Line	<1	<1	>-1	<1	>-1	<1	<1	>-1	<1	>-1
BFW	Buffered Watercourse	25	25	>-1	24	-1	60	60	>-1	56	-4
BSH	Brush and Alder	1,115	1,096	-19	1,080	-34	4,870	4,851	-19	4,769	-100
C11	White Pine-Red Pine	0	0	0	0	0	15	15	0	15	0
C12	Red Pine	0	0	0	0	0	3	3	0	3	0
C13	Jack Pine-White Pine-Red Pine	0	0	0	0	0	55	55	0	55	0
C15	Jack Pine	2,099	2,064	-35	2,053	-46	5,521	5,486	-35	5,471	-49
C16	Black Spruce-Pine	8,844	8,708	-136	8,630	-214	22,797	22,661	-136	22,302	-495
C17	Poplar-White Birch	360	354	-7	348	-12	4,343	4,337	-7	4,328	-15
C18	Poplar-White Birch-White Spruce-Balsam Fir	2,842	2,787	-55	2,733	-109	8,798	8,742	-55	8,561	-236
C19	Poplar-Jack Pine-White Spruce-Black Spruce	496	485	-10	479	-16	2,723	2,712	-10	2,691	-31
C20	White Pine-Red Pine-White Spruce-White Birch-Trembling Aspen	12	12	0	12	0	67	67	0	67	0
C21	White Cedar-White Pine-White Birch-White Spruce	12,505	12,200	-304	11,915	-590	47,349	47,044	-304	43,844	-3,505
C22	White Cedar-Other Conifer	5,995	5,923	-72	5,877	-118	17,236	17,163	-72	16,516	-719
C27	Sugar Maple-White Birch-Poplar-White Pine	159	159	>-1	159	>-1	1,008	1,008	>-1	973	-35
C29	Sugar Maple-Yellow Birch	246	240	-6	240	-6	3,538	3,532	-6	3,506	-32
C31	Black Spruce-Tamarack: very moist mineral and wet organic soils	1,098	1,085	-13	1,032	-66	2,180	2,167	-13	1,989	-191
C32	White Cedar-Black Spruce-Tamarack: very moist mineral and wet organic soils	272	262	-10	229	-43	783	773	-10	736	-47
C33	White Cedar-Other Conifer: very moist to wet soils	374	372	-2	372	-2	1,512	1,510	-2	1,509	-3
C35	Lowland Hardwoods: fresh to very moist soils	0	0	0	0	0	32	32	0	32	0
GRS	Grass and Meadow	103	103	0	103	0	152	152	0	152	0
ISL	Small Island	51	50	>-1	49	-1	2,080	2,079	>-1	2,078	-3
N/A ^(a)	Not Applicable	20	20	>-1	20	>-1	920	920	>-1	920	>-1
NE01	Black Spruce - Jack Pine/White Spruce - White Birch	2,836	2,796	-40	2,750	-86	11,858	11,817	-40	11,707	-151
NE02	Jack Pine - Coarse Soil	2,229	2,158	-70	2,156	-73	7,166	7,095	-70	7,093	-73
NE03	White Birch - Trembling Aspen - Black Spruce - Coarse Soil	2,252	2,154	-97	2,154	-97	11,306	11,209	-97	11,208	-98
NE04	Black Spruce - Jack Pine - Coarse Soil	1,603	1,568	-35	1,568	-35	7,422	7,386	-35	7,386	-36
NE05	Black Spruce - Fine/Medium Soil	1,327	1,285	-42	1,285	-42	5,606	5,564	-42	5,564	-42
NE06	Black Spruce-Trembling Aspen/Trembling Aspen - Black Spruce - Jack Pine/Trembling Aspen - Black Spruce - Balsam Fir	20,289	19,729	-561	19,395	-894	85,199	84,638	-561	82,089	-3,110
NE07	Trembling Aspen - White Birch/Trembling Aspen - White Spruce - White Birch	100	96	-3	96	-3	297	294	-3	294	-3
NE08	Black Spruce - Feathermoss - Sphagnum - Moist Soil	1,625	1,591	-35	1,590	-35	6,430	6,396	-35	6,393	-37
NE09	Black Spruce - Larch/White Spruce - Balsam Fir - White Cedar	4,639	4,483	-156	4,481	-158	18,320	18,164	-156	18,114	-206
NE10	Trembling Aspen - Black Spruce - Balsam Poplar - Moist Soil	6,460	6,251	-210	6,188	-273	30,195	29,985	-210	28,808	-1,386
NE11	Black Spruce - Labrador Tea - Organic Soil	3,296	3,189	-107	3,076	-220	10,872	10,764	-107	10,604	-268
NE12	Black Spruce - Larch - Labrador Tea - Organic Soil	575	560	-14	560	-14	2,059	2,045	-14	2,043	-16
NE13	Black Spruce - Larch - Speckled Alder/White Cedar - Black Spruce	601	581	-20	581	-20	2,924	2,904	-20	2,904	-20

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NE14	Black Spruce - Leatherleaf - Organic Soil	46	44	-1	44	-1	265	264	-1	263	-3
NE15	Red Maple	557	557	>-1	557	>-1	1,058	1,058	>-1	1,058	>-1
NW04	Cliff	121	121	>-1	121	>-1	355	355	>-1	355	>-1
NW05	Talus or Steep Slope	0	0	0	0	0	3	3	0	3	0
NW07	Rock Barren	493	492	>-1	492	>-1	696	695	>-1	695	>-1
NW10	Prairie / Savannah	4	4	0	4	0	4	4	0	4	0
NW11	Red Pine -White Pine-Jack Pine: Very Shallow Soil	43	43	0	43	0	43	43	0	43	0
NW12	Black Spruce - Jack Pine: Very Shallow Soil	4,580	4,535	-45	4,534	-45	10,455	10,410	-45	10,409	-46
NW13	Jack Pine - Conifer: Dry - Moderately Fresh Sandy Soil	922	856	-66	856	-66	1,183	1,116	-66	1,116	-66
NW14	Pine-Spruce Mixedwood: Sandy Soil	2,927	2,866	-61	2,866	-61	4,756	4,696	-61	4,696	-61
NW15	Red Pine- White Pine: Sandy Soil	30	30	>-1	30	>-1	57	57	>-1	57	>-1
NW16	Hardwood - Fir - Spruce Mixedwood: Sandy Soil	8,343	8,253	-90	8,253	-90	12,498	12,408	-90	12,408	-90
NW17	White Cedar: Fresh - Moist, Coarse - Fine Loamy Soil	304	300	-4	300	-4	1,309	1,306	-4	1,306	-4
NW18	Red Pine - White Pine: Fresh, Coarse Loamy Soil	29	29	0	29	0	227	227	0	227	0
NW19	Hardwood - Fir - Spruce Mixedwood: Fresh, Sandy - Coarse Loamy Soil	34,895	34,254	-641	34,234	-661	84,906	84,265	-641	84,222	-684
NW20	Spruce - Pine / Feathermoss: Fresh, Sandy - Coarse Loamy Soil	3,591	3,474	-117	3,474	-117	11,775	11,658	-117	11,657	-118
NW21	Fir - Spruce Mixedwood: Fresh, Coarse Loamy Soil	8,762	8,603	-160	8,602	-160	23,627	23,468	-160	23,460	-168
NW22	Spruce - Pine / Ledum / Feathermoss: Moist, Sandy - Coarse Loamy Soil	3,380	3,316	-65	3,312	-68	7,066	7,001	-65	6,996	-70
NW23	Hardwood - Fir - Spruce - Mixedwood: Moist, Sandy - Coarse Loamy Soil	4,403	4,326	-77	4,323	-80	9,340	9,262	-77	9,258	-82
NW24	Red Pine - White Pine: Fresh, Fine Loamy Soil	4	4	0	4	0	27	27	0	27	0
NW25	Pine - Spruce / Feathermoss: Fresh, Silty Soil	45	45	0	45	0	349	349	0	349	0
NW26	Spruce - Pine / Feathermoss: Fresh, Fine Loamy - Clayey Soil	655	648	-7	648	-7	2,243	2,236	-7	2,236	-7
NW27	Fir - Spruce Mixedwood: Fresh, Silty - Fine Loamy Soil	103	103	0	103	0	397	397	0	397	0
NW28	Hardwood - Fir - Spruce Mixedwood: Fresh, Silty Soil	521	517	-4	516	-5	864	859	-4	858	-6
NW29	Hardwood - Fir - Spruce Mixedwood: Fresh, Fine Loamy - Clayey Soil	1,926	1,893	-33	1,893	-33	4,237	4,204	-33	4,204	-33
NW30	Black Ash Hardwood: Fresh, Silty - Clayey Soil	9	9	0	9	0	87	87	0	87	0
NW31	Spruce - Pine / Feathermoss: Moist, Silty - Clayey Soil	680	651	-29	651	-29	1,656	1,626	-29	1,626	-30
NW32	Fir - Spruce Mixedwood: Moist, Silty - Clayey Soil	686	676	-10	676	-10	1,949	1,940	-10	1,938	-11
NW33	Hardwood - Fir - Spruce Mixedwood: Moist, Silty - Clayey Soil	1,620	1,591	-29	1,591	-29	4,187	4,158	-29	4,158	-29
NW34	Treed Bog: Black Spruce / Sphagnum: Organic Soil	163	161	-2	161	-2	436	434	-2	434	-2
NW35	Poor Swamp: Black Spruce: Organic Soil	1,091	1,056	-35	1,056	-35	4,186	4,151	-35	4,151	-35
NW36	Intermediate Swamp: Black Spruce (Tamarack): Organic Soil	1,744	1,701	-43	1,700	-44	8,066	8,023	-43	8,021	-45
NW37	Rich Swamp: Cedar (Other Conifer): Organic Soil	1,166	1,153	-13	1,153	-13	3,590	3,577	-13	3,577	-14
NW38	Rich Swamp: Black Ash (Other Hardwood): Organic - Mineral Soil	70	70	0	70	0	121	121	0	121	0
NW39	Open Bog: Ericaceous Shrub / Sedge / Sphagnum: Organic Soil	372	369	-4	368	-4	968	964	-4	963	-5
NW40	Treed Fen: Tamarack - Black Spruce / Sphagnum: Organic Soil	357	352	-5	352	-5	1,281	1,276	-5	1,276	-5
NW41	Open Poor Fen: Ericaceous Shrub - Sedge / Sphagnum: Organic Soil	40	39	-2	39	-2	121	120	-2	120	-2

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NW42	Open Moderately Rich Fen: Ericaceous Shrub / Sedge: Organic Soil	36	36	>-1	36	>-1	129	129	>-1	129	>-1
NW43	Open Extremely Rich Fen: Ericaceous Shrub / Sedge / Brown Moss: Organic Soil	0	0	0	0	0	2	2	0	2	0
NW44	Thicket Swamp: Organic - Mineral Soil	1,214	1,193	-21	1,193	-21	2,889	2,867	-21	2,867	-21
NW45	Shore Fen: Organic Soil	184	177	-7	177	-7	450	444	-7	444	-7
NW46	Meadow Marsh: Organic - Mineral Soil	828	820	-7	820	-7	1,869	1,862	-7	1,862	-7
NW47	Sheltered Marsh: Emergent: Sedimentary Peat Substrate	24	24	>-1	24	>-1	90	90	>-1	90	>-1
NW48	Exposed Marsh: Emergent: Mineral Substrate	37	37	>-1	37	>-1	43	43	>-1	43	>-1
NW50	Open Water Marsh: Submergent: Mineral Substrate	0	0	0	0	0	5	5	0	5	0
OMS	Open Wetland	3,296	3,254	-41	3,239	-57	11,463	11,422	-41	11,199	-265
OTH	Other	2	2	0	2	0	8	8	0	8	0
RCK	Rock Barren	926	895	-31	892	-34	4,737	4,706	-31	4,651	-87
TMS	Treed Wetland	377	372	-6	349	-28	2,157	2,151	-6	2,117	-40
UCL	Unclassified	<1	<1	>-1	<1	>-1	<1	<1	>-1	<1	>-1
WAT	Water	12,036	11,964	-72	11,934	-102	118,524	118,452	-72	117,879	-645
DIS	Anthropogenic Disturbance	23,558	22,518	-1,040	22,403	-1,155	45,477	44,437	-1,040	43,956	-1,521
PROJECT	Project Footprint	0	4,832	4,832	4,798	4,798	0	4,832	4,832	4,798	4,798
RFD	Reasonably Foreseeable Developments	0	0	0	1,397	1,397	0	0	0	10,322	10,322
Total		211,647^(b)	211,647^(b)	-	211,647^(b)	-	717,926^(b)	717,926^(b)	-	717,926^(b)	-

Some numbers are rounded for presentation purposes. Therefore, it may appear that the totals do not equal the sum of the individual values. Burned areas and cutblocks are included as part of ecosite area totals.

a) Unclassified polygons due to the result of Forest Resource Inventory data gaps between overlap areas of Forest Management Plans.

b) Total area of ecosites and study areas do not match (difference of 9 ha in the LSA and 11 ha in the RSA) due to overlap in some ecosite polygons between FRI datasets.

ha = hectare; % = percent, >-1 = value approaches zero.

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