

1 **5.3.3 Wetlands**

2 This section describes the potential environmental consequences of the Land Exchange Proposed  
 3 Action on wetland resources that occur on the federal and non-federal lands. In this section,  
 4 effects on the federal and non-federal lands are discussed together, to facilitate calculation of net  
 5 changes to wetland resources. Under the Land Exchange Proposed Action and alternatives, the  
 6 Superior National Forest would retain its ongoing responsibility for managing wetland resources  
 7 on Forest Service lands in accordance with the Forest Plan.

8 *Table 5.3.3-1 shows a summary of the effects of the Land Exchange Proposed Action and*  
 9 *Land Exchange Alternative B on acreage of wetland and floodplains, Table*  
 10 *5.3.3-2 summarizes the effects on wetland resource types, and Table 5.3.3-3*  
 11 *summarizes the effects on other water resources. Table 5.3.3-3 Net Increase*  
 12 *or Decrease of Frontage of Waterways from the Land Exchange*

Alternative	Increase (or Decrease) of Frontage of Waterways					
	Acreage	Lake			River/Stream/Creek	
		Frontage (ft)	Length of Lake Frontage/Acre	Miles	Frontage (linear ft)	Length of River Frontage/Acre
Proposed Land Exchange	111.0	43,450.0	34.9	4.5	34,214.4	46.0
Land Exchange Alternative B	132.6	45,900.0	3.2	3.1	19,536.0	3.6

13 Source: Data from Section 4.3.3.

14 Overall, the Land Exchange Proposed Action would result in an increase to the federal estate of  
 15 wetland acreage by up to 505.5 acres through the acquisition of up to 7,075.0 acres of non-  
 16 federal lands in exchange for 6,495.4 acres of federal land, and thus would be in conformity with  
 17 EO 11190 (see Table 5.3.3-1). The Land Exchange Proposed Action would result in a net  
 18 decrease to the federal estate of 1,401.0 acres of floodplains (see Table 5.3.3-1); however, these  
 19 floodplains are not Federal Emergency Management Agency (FEMA) regulatory floodplains.  
 20 There would be no decrease in the amount of regulatory floodplain or increase in the flood  
 21 damage potential associated with the Land Exchange Proposed Action. The impacts to the  
 22 ecological function of the floodplain wetlands would be mitigated through the Section 404  
 23 Permit and the proposed mitigation described in Section 4.2.3. The Land Exchange Proposed  
 24 Action would also increase the wetlands within the federal estate. The Land Exchange Proposed  
 25 Action would be in conformance with EO 11988 (FSH 5409.13-33.43c). There would be no  
 26 decrease in the amount of regulatory floodplain, no increase in the flood damage potential, and  
 27 the ecological function of the floodplain would not change; therefore, the Land Exchange  
 28 Proposed Action would be in conformance with EO 11988. The Land Exchange Proposed Action  
 29 would result in an increase of coniferous swamp, hardwood swamp, open water, shallow marsh,  
 30 and shrub swamp wetland resources to the federal estate but would result in a decrease of  
 31 coniferous bog, open bog, and sedge/wet meadows, and shallow marsh wetland resources to the  
 32 federal estate (see Table 5.3.3-2). In addition, the Land Exchange Proposed Action would result  
 33 in an increase in waterway acreage and frontage to the federal estate (see Table 5.3.3-3).

34 Due to the reduced land area involved, Land Exchange Alternative B would result in a lesser  
 35 degree of the same types of effects for wetlands, floodplains, and other water resources

36 | exchanged to the federal estate as the proposed Land Exchange Proposed Action. Overall, Land  
 37 | Exchange Alternative B would increase wetland areas to the federal estate by 69.8-9 acres (see  
 38 | Table 5.3.3-1) through the acquisition of up to 4,926.3 acres of the non-federal lands in exchange  
 39 | for 4,752.6 acres of federal land, and would thus be in conformity with EO 11190. The Land  
 40 | Exchange Alternative B would decrease the amount of floodplains to the federal estate by  
 41 | 1,036.7 acres (see Table 5.3.3-1); however, these floodplains are not FEMA regulatory  
 42 | floodplains. There would be no decrease in the amount of regulatory floodplain or increase in the  
 43 | flood damage potential associated with the Land Exchange Alternative B. The impacts to the  
 44 | ecological function of the floodplain wetlands would be mitigated through the Section 404  
 45 | Permit and the proposed mitigation described in Section 4.2.3. The Land Exchange Alternative B  
 46 | would also increase the wetlands within the federal estate. The Land Exchange Alternative B  
 47 | would be in conformance with EO 11988 (FSH 5409.13-33.43c). There would be no decrease in  
 48 | the amount of regulatory floodplain, no increase in the flood damage potential, and the  
 49 | ecological function of the floodplain would not change; therefore, the Land Exchange  
 50 | Alternative B would be in conformance with EO 11988. Land Exchange Alternative B would  
 51 | result in an increase of coniferous swamp, open water, shallow marsh, and shrub swamp wetland  
 52 | resources to the federal estate but would result in a decrease to coniferous bog, hardwood  
 53 | swamp, open bog, and sedge/wet meadows, and shallow marsh wetland resources to the federal  
 54 | estate (see Table 5.3.3-2). In addition, Land Exchange Alternative B would result in an increase  
 55 | of waterway acreage and frontage to the federal estate (see Table 5.3.3-3).

56 | **Table 5.3.3-1 Net Increase or Decrease of Wetland and Floodplain Acres on the Federal**  
 57 | **Estate from the Land Exchange**

Alternative	Increase (or Decrease) of Wetland and Floodplain Acres	
	Wetlands (Acres)	Floodplains (Acres)
Land Exchange Proposed Action	505.5	(1,401.0)
Land Exchange Alternative B	69.98	(1,036.7)

58 | **Table 5.3.3-2 Net Increase or Decrease of Wetland Resource Types on the Federal Estate**  
 59 | **from the Land Exchange**

Alternative	Increase (or Decrease) of Wetland Resource Types (Acres)								
	Coniferous Bog	Coniferous Swamp	Deep Marsh	Hardwood Swamp <sup>1</sup>	Open Bog	Open Water (includes shallow, open water, and lakes)	Sedge/Wet Meadow	Shallow Marsh <sup>2</sup>	Shrub Swamp (includes alder thicket and shrub-carr)
Land Exchange Proposed Action	(1,961.4)	1,954.67	0.0	36.9	(418.3)202	151.7	(35.7)	(63.6)20.	541.3
Land Exchange Alternative B	(1,677.0)	1,477.8	0.0	(5.7)	(88.8)172.	168.0	(34.9)	(80.9)3.2	311.4

60 | <sup>1</sup> Hardwood swamps on the non-federal lands may contain coniferous tree species.  
 61 | <sup>2</sup> Shallow marsh areas on the non-federal lands may contain deep marshes.

62 **Table 5.3.3-3 Net Increase or Decrease of Frontage of Waterways on the Federal Estate**  
 63 **from the Land Exchange**

<u>Alternative</u>	<u>Increase (or Decrease) of Frontage of Waterways</u>					
	<u>Acres</u>	<u>Lake</u>			<u>River/Stream/Creek</u>	
		<u>Frontage (ft)</u>	<u>Length of Lake Frontage/Acre</u>	<u>Miles</u>	<u>Frontage (linear ft)</u>	<u>Length of River Frontage/Acre</u>
<u>Land Exchange Proposed Action</u>	99.1	12,864.0	34.9	3.8	27,456.0	34.0
<u>Land Exchange Alternative B</u>	120.7	15,224.0	3.2	2.8	16,896.0	3.5

64 Source: Data from Section 4.3.3.

65 Based on a qualitative assessment, the Land Exchange Proposed Action and Land Exchange  
 66 Alternative B would appear to result in an increase to the federal estate of wetlands rated as high  
 67 for vegetation diversity/integrity, wetland water quality, fish habitat, and amphibian habitat.  
 68 Land Exchange Alternative B would also appear to result in an increase to the federal estate of  
 69 wetlands rated as high for hydrology and wildlife habitat. The Land Exchange Proposed Action  
 70 would result in an increase to the federal estate of moderate and low rated wetlands for  
 71 amphibian habitat, as where Land Exchange Alternative B would also result in an increase to the  
 72 federal estate of wetlands rated low for amphibian habitat. The Land Exchange Proposed Action  
 73 would have similarly rated hydrology, flood attenuation, downstream water quality, wildlife  
 74 habitat, and aesthetics/education/cultural functions. Land Exchange Alternative B would result in  
 75 a decrease to the federal estate of wetlands rated high and moderate for flood attenuation and  
 76 downstream water quality and would not result in a change to aesthetics/education/cultural  
 77 functions.

78 **5.3.3.1 Methodology and Evaluation Criteria**

79 The potential effect that the Land Exchange Proposed Action and alternatives would have on  
 80 wetland resources was evaluated using two types of criteria: 1) criteria assessing conformity to  
 81 EOs 11190 and 11988, which requires a wetland acre-for-acre analysis and a floodplain acre-for-  
 82 acre analysis of the federal estate, and 2) criteria used in an analysis of wetlands and floodplain  
 83 habitat, as well as other water resource indicators.

84 As previously discussed, to satisfy the requirements of EOs 11990 and 11988, the USFS policy  
 85 is to use the following three conditions (FSH 5409.13 sec. 33.43c): 1) the value of the wetlands  
 86 or floodplains for properties received and conveyed is equal (balancing test) and the land  
 87 exchange is in the public interest; 2) reservations or restrictions are retained on the unbalanced  
 88 portion of the wetlands and floodplains on the Federal lands when the land exchange is in the  
 89 public interest but does not meet the balancing test; and 3) the Federal property is removed from  
 90 the exchange proposal when the conditions described in the preceding paragraphs 1 or 2 cannot  
 91 be met.

92 ~~uses a balancing test such that, as much as practicable, the number of wetland and floodplain~~  
 93 ~~acres on the non federal land to be acquired is equal to, or greater than, the number of wetland~~  
 94 ~~and floodplain acres on the federal land to be exchanged. When balancing wetlands, the agency~~  
 95 ~~makes no distinction between type and/or quality of wetlands. If the number of wetland and~~  
 96 ~~floodplain acres on the non federal estate cannot be made equal to the acres on the federal estate,~~

97 ~~the USFS may retain reservations or restrictions on the unbalanced portion of the wetlands and~~  
98 ~~floodplains, so long as the land exchange is in the public interest.~~

99 In addition to evaluating wetlands in accordance with the two EOs, analysis of the Land  
100 Exchange included information on wetland community types as well as ecological floodplains.

101 To evaluate conformity to the EOs, the following evaluation criteria were used:

- 102 • comparative difference in acres of wetland between the federal and non-federal parcels; and
- 103 • comparative difference in acres of floodplain between the federal and non-federal parcels.

104 Other wetland resources indicators that were used are the following:

- 105 • comparative difference in acres of wetland types between the federal and non-federal parcels;
- 106 • a MnRAM assessment of wetland function and value;
- 107 • change in flood damage potential on the parcels and to the surrounding parcels;
- 108 • a MnRAM assessment of floodplain assets; and
- 109 • comparative difference of length of streams, rivers, and lake frontage between the federal and  
110 non-federal parcels.

111 The spatial area of analysis for wetland resource effects from the Land Exchange Proposed  
112 Action and alternatives included the federal and non-federal tracts proposed for the exchange,  
113 while the temporal area of analysis assessed was the point in time at which the change in  
114 ownership would occur.

115 The analysis of the wetland resources affected by the Land Exchange Proposed Action and  
116 alternatives was guided by evaluation criteria that were developed by the USFS and other Co-  
117 lead Agencies, which included a comparison of wetland resource acreages, wetland resources  
118 types, wetland function and values, floodplain acreages, and other water resources acreages. GIS  
119 data and field observations were used and then compared over an area of analysis that included  
120 the federal and non-federal lands.

#### 121 **5.3.3.1.1 Wetlands and Floodplains**

122 The federal lands contain ~~approximately 4,164.4~~ acres of wetlands (see Table 5.3.3-4). By  
123 comparison, the five non-federal land tracts contain ~~approximately 4,670–669.9~~ acres of  
124 wetlands. The Land Exchange Proposed Action would result in a net increase of up to 505.5  
125 acres of wetlands to the federal estate if all five tracts are exchanged (see Table 5.3.3-4). The  
126 Land Exchange Proposed Action would increase wetland acreage to the federal estate by up to  
127 505.5 acres through the acquisition of up to 7,075.0 acres of non-federal lands in exchange for  
128 6,495.4 acres of federal land, and thus would be in conformity with EO 11190. The Land  
129 Exchange Proposed Action would result in a net decrease to the federal estate of 1,401.0 acres of  
130 floodplains; however, these floodplains are not FEMA regulatory floodplains. There would be no  
131 decrease in the amount of regulatory floodplain or increase in the flood damage potential  
132 associated with the Land Exchange Proposed Action. The impacts to the ecological function of  
133 the floodplain wetlands would be mitigated through the Section 404 Permit and the proposed  
134 mitigation described in Section 4.2.3. The Land Exchange Proposed Action would also increase  
135 the wetlands within the federal estate. The Land Exchange Proposed Action would be in  
136 conformance with EO 11988 (FSH 5409.13-33.43c). There would be no decrease in the amount

137 | of regulatory floodplain, no increase in the flood damage potential, and the ecological function of  
 138 | the floodplain would not change; therefore, the Land Exchange Proposed Action would be in  
 139 | conformance with EO 11988.

140 | **Table 5.3.3-4 Wetland and Floodplain Acres for the Land Exchange Proposed Action**

Parcel	Acres of Wetlands	Acres of Floodplains
<b>Lands Conveyed</b>		
Federal Lands	4,164.4	1,889.4
<b>Lands Acquired</b>		
Tract 1	2,930.8	376.2
Tract 2	Lake County North	209.3
	Lake County South	73.6
Tract 3	Wolf Lands 1	90.4
	Wolf Lands 2	706.2
	Wolf Lands 3	233.2
	Wolf Lands 4	362.8
Tract 4	63.6	0.0
Tract 5	0.0	0.0
Subtotal: Non-federal lands	4,669.9	488.4
<b>Net Change</b>		
Net Increase/(Decrease)	505.5	(1,401.0)

141 | As part of the increase in total wetland acreage, the Land Exchange Proposed Action would  
 142 | result in a net increase to the federal estate of the following wetland resource types (see Table  
 143 | 5.3.3-5): coniferous swamp (1,954.67 acres), hardwood swamp (36.9 acres), open water (151.7  
 144 | acres), shallow marsh (20.5 acres), and shrub swamp (541.3 acres). However, the Land  
 145 | Exchange Proposed Action would result in a net decrease to the federal estate of the following  
 146 | wetland resource types: coniferous bog (1,961.4 acres), open bog (118.3202.4 acres), and  
 147 | sedge/wet meadow (35.7 acres), and shallow marsh (63.6 acres).

148 **Table 5.3.3-5 Wetland Resource Types for the Land Exchange Proposed Action**

Parcel	Acres of Wetland Resource Types									
	Coniferous Bog	Coniferous Swamp	Deep Marsh	Hardwood Swamp <sup>1</sup>	Open Bog	Open Water (includes shallow, open water, and lakes)	Sedge/Wet Meadow	Shallow Marsh <sup>2</sup>	Shrub Swamp (includes alder thicket and shrub-carr)	
<b>Lands Conveyed</b>										
Federal Lands	1,961.4	1,287.8	0.0	21.1	209.5	30.8	35.7	97.0	521.1	
<b>Lands Acquired</b>										
Tract 1	0.0	1,953.9	0.0	8.0	86.2	176.6	0.0	084.1	706.1	
Tract 2	Lake County North	0.0	135.0	0.0	34.7	1.8	0.2	0.0	2.5	35.1
	Lake County South	0.0	32.4	0.0	9.9	0.0	2.5	0.0	12.3	16.5
Tract 3	Wolf Lands 1	0.0	75.4	0.0	0.0	3.0	0.0	0.0	0.0	12.0
	Wolf Lands 2	0.0	627.4	0.0	5.0	0.0	0.4	0.0	0.4	73.0
	Wolf Lands 3	0.0	82.6	0.0	0.0	0.0	0.0	5.2	145.4	
	Wolf Lands 4	0.0	320.3	0.0	0.0	0.2	0.0	0.0	0.0	42.3
Tract 4	0.0	15.4	0.0	0.4	0.0	2.8	0.0	13.0	32.0	
Tract 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Subtotal: Non-federal lands	0.0	3,242.4	0.0	58.0	91.2	182.5	0.0	33.4	1,062.4	
<b>Net Change</b>										
Net Increase/(Decrease)	(1,961.4)	1,954.67	0.0	36.9	(118.3202) .4)	151.7	(35.7)	(63.620.5)	541.3	

<sup>1</sup> Hardwood swamps on the non-federal lands may contain coniferous tree species.

<sup>2</sup> Shallow marsh areas on the non-federal lands may contain deep marshes.

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151 **5.3.3.1.2 Wetland Functional Assessment**

152 Based on a qualitative assessment, the Land Exchange Proposed Action would appear to result in  
 153 an increase to the federal estate of the following high rated wetland functions: vegetation  
 154 diversity/integrity, wetland water quality, fish habitat, and amphibian habitat. The Land  
 155 Exchange Proposed Action would result in an increase to the federal estate of moderate- and  
 156 low-rated wetlands for amphibian habitat. The Land Exchange Proposed Action would have  
 157 similarly rated hydrology, flood attenuation, downstream water quality, wildlife habitat, and  
 158 aesthetics/education/cultural functions.

159 **5.3.3.1.3 Frontage of Waterways**

160 The Land Exchange Proposed Action would result in a net increase of other water resources to  
 161 the federal estate (see Table 5.3.3-6). A net increase of approximately 111,99.1 acres of lake and  
 162 4.53.8 miles of rivers will be added to the federal estate from the Land Exchange Proposed  
 163 Action. These increases would result in additional frontage of lakes and rivers to the federal  
 164 estate.

165 **Table 5.3.3-6 Frontage of Waterways for the Land Exchange Proposed Action**

Parcel	Lake		Rivers/Creeks/Streams			
	Acres	Frontage (ft)	Length of Lake Frontage/ Acre	Miles	Frontage (linear ft)	Length of River Frontage/ Acre
<b>Lands Conveyed</b>						
Federal Lands	30.5	4,550.0	0.7	5.15.3	55,968.053,85	8.38.6
<b>Lands Acquired</b>						
-Tract 1	141.5129	17,100.016,42	3.5	8.12	73,392.072,86	14.915.3
-Tract 2	0.0	0.0	0.0	0.0	0.0	0.0
Wolf Lands 1	0.0	0.0	0.0	0.0	0.0	0.0
-Tract 3	0.0	0.0	0.0	0.0	0.0	0.0
Wolf Lands 2	0.0	0.0	0.0	0.31	1,056.02,745.6	9.93.8
Wolf Lands 3	0.0	0.0	0.0	0.91.1	11,932.89,504.	293.5
Wolf Lands 4	0.0	0.0	0.0	0.0	0	0
-Tract 4	0.0	0.0	0.0	0.0	0.0	0.0
-Tract 5	0.0	990.0	32.1	0.0	0.0	0.0
Subtotal: Non-federal lands	141.5129	18,000.017,41	35.6	9.16	88,070.483,42	54.342.6
<b>Net Change</b>						
Net Increase/(Decrease)	111.099.	13,450.02,864.	34.9	4.3.85	27,45634,214.	46.034.0

166 Source: Data from Section 4.3.3. ~~Land Exchange No Action Alternative~~ Under the Land Exchange No Action Alternative, the  
 167 Superior National Forest would have an ongoing responsibility for managing wetland resources, floodplains, and surface waters  
 168 on the federal lands in accordance with the Forest Plan. The Land Exchange No Action Alternative would not change USFS's  
 169 responsibility for managing wetland resources, floodplains, and surface waters and would result in no further effects on these  
 170 resources.

171 **5.3.3.2 Land Exchange Alternative B**

172 **5.3.3.2.1 Wetlands and Floodplains**

173 The smaller federal parcel contains ~~approximately 2,864.9~~ acres of wetlands (see Table 5.3.3-  
 174 7). By comparison, the non-federal lands contain ~~approximately 2,931-930.8~~ acres of wetlands.  
 175 The Land Exchange Alternative B would result in a net increase of 69.89 acres of wetlands to the  
 176 federal estate. The Land Exchange Alternative B would increase wetland areas to the federal  
 177 estate by 69.89 acres through the acquisition of up to 4,926.3 acres of the non-federal lands in  
 178 exchange for 4,752.6 acres of federal land, and would thus be in conformity with EO 11190. The  
 179 Land Exchange Alternative B would result in a net decrease to the federal estate of 1,036.7 acres  
 180 of floodplains; however, these floodplains are not FEMA regulatory floodplains. There would be  
 181 no decrease in the amount of regulatory floodplain or increase in the flood damage potential  
 182 associated with the Land Exchange Alternative B. The impacts to the ecological function of the  
 183 floodplain wetlands would be mitigated through the Section 404 Permit and the proposed  
 184 mitigation described in Section 4.2.3. The Land Exchange Alternative B would also increase the  
 185 wetlands within the federal estate. The Land Exchange Alternative B would be in conformance  
 186 with EO 11988 (FSH 5409.13-33.43c). There would be no decrease in the amount of regulatory  
 187 floodplain, no increase in the flood damage potential, and the ecological function of the  
 188 floodplain would not change; therefore, the Land Exchange Alternative B would be in  
 189 conformance with EO 11988.

190 **Table 5.3.3-7 Wetland and Floodplain Acres for Land Exchange Alternative B**

	Acres of Wetlands	Acres of Floodplains
<b>Lands Conveyed</b>		
Smaller Federal Parcel	2,864.90	1,412.9
<b>Lands Acquired</b>		
Tract 1	2,930.8	376.2
<b>Net Change</b>		
Net Increase/(Decrease)	69.98	(1,036.7)

191 As part of the increase in wetland acreage, Land Exchange Alternative B would result in a net  
 192 increase to the federal estate of the following wetland resource types (see Table 5.3.3-8):  
 193 coniferous swamp (1,477.8 acres), open water (168.0 acres), shallow marsh (3.2), and shrub  
 194 swamp (311.4 acres). However, the Land Exchange Alternative B would result in a net decrease  
 195 to the federal estate of the following wetland resource types: coniferous bog (1,677.0 acres),  
 196 hardwood swamp (5.7 acres), open bog (~~88.8~~172.9 acres), and sedge/wet meadow (34.9 acres);  
 197 and shallow marsh (80.9 acres).



198 **Table 5.3.3-8 Wetland Resource Types for Land Exchange Alternative B**

Parcel	Acres of Wetland Resource Types								Shrub Swamp (includes alder thicket and shrub-carr)
	Coniferous Bog	Coniferous Swamp	Deep Marsh	Hardwood Swamp <sup>1</sup>	Open Bog	Open Water (includes shallow, open water, and lakes)	Sedge/Wet Meadow	Shallow Marsh <sup>2</sup>	
<b>Lands Conveyed</b>									
Smaller Federal Parcel	1,677.0	476.1	0.0	13.7	175.0	8.6	34.9	80.9	394.7
<b>Lands Acquired</b>									
Tract 1	0.0	1,953.9	0.0	8.0	86.2	176.6	0.0	84.1	706.1
<b>Net Change</b>									
Net Increase/(Decrease)	(1,677.0)	1,477.8	0.0	(5.7)	(88.8)	168.0	(34.9)	(80.9)	311.4

199 <sup>1</sup> Hardwood swamps on the non-federal lands may contain coniferous tree species.

200 <sup>2</sup> Shallow marsh areas on the non-federal lands may contain deep marshes.

201 **5.3.3.2.2 Wetland Functional Assessment**

202 | The Land Exchange Alternative B would result in an increase to the federal estate of wetlands  
 203 | rated as high for vegetation diversity/integrity, hydrology, wetland water quality, wildlife habitat,  
 204 | fish habitat, and amphibian habitat. There would be a decrease to the federal estate of wetlands  
 205 | rated high and moderate for flood attenuation and downstream water quality. The Land  
 206 | Exchange Alternative B would also result in an increase to the federal estate of wetlands rated  
 207 | low for amphibian habitat. The Land Exchange Alternative B would not result in a change to  
 208 | aesthetics/education/cultural functions to the federal estate.

209 **5.3.3.2.3 Frontage of Waterways**

210 | The Land Exchange Alternative B would result in a net increase of other water resources to the  
 211 | federal estate (see Table 5.3.3-9). A net increase of approximately ~~133~~120.7 acres of lake and  
 212 | ~~3.1~~2.8 miles of rivers will be added to the federal estate from the Land Exchange Alternative B.  
 213 | These increases would result in additional frontage of lakes and rivers to the federal estate.

214 **Table 5.3.3-9 Frontage of Waterways for Land Exchange Alternative B**

Parcel	Lake			Rivers/Creeks/Streams		
	Acres	Frontage (ft)	Length of Lake Frontage/Acre	Miles	Frontage (linear ft)	Length of River Frontage/Acre
<b>Lands Conveyed</b>						
Smaller Federal Parcel	8.9	1,200.0	0.3	<del>5.3</del> 4	<del>53,856.0</del> 55,968.0	<del>11.3</del> 11.8
<b>Lands Acquired</b>						
Tract 1	<del>141.5</del> 129.6	<del>17,100.0</del> 16,424.0	3.5	<del>8.2</del> 8.1	<del>73,392.0</del> 72,864.0	<del>14.9</del> 15.3
<b>Net Change</b>						
Net Increase/(Decrease)	<del>120</del> 32 .67	<del>15,900</del> 224 0	3.2	<del>3.1</del> 2.8	<del>16,896</del> 19,5 36.0.0	<del>3.5</del> 3.6

215 Source: Data from Section 4.3.3.

216 **5.3.3.3 Land Exchange No Action Alternative**

217 Under the Land Exchange No Action Alternative, the Superior National Forest would have an  
 218 ongoing responsibility for managing wetland resources, floodplains, and surface waters on the  
 219 federal lands in accordance with the Forest Plan. The Land Exchange No Action Alternative  
 220 would not change USFS's responsibility for managing wetland resources, floodplains, and  
 221 surface waters and would result in no further effects on these resources.

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