

Great River Energy

GD Transmission Line Tree Replacement Count

	Tree Type Removed	Total Removed	Olson Replacement Types	Steinhuis Replacement Types	O Replace #	S Replace #	Total Replace
Large Tree	Boxelder	109	Cottonwood (10), BHS/CBS (65)	Boxelder (143)	75	143	218
Large Tree	Willow	2	Cottonwood (1)	Cottonwood (3)	1	3	4
<b>Subtotal</b>		111					222
Small Tree/Shrub	Chokecherry	614	Apple (22), Pear (10)	Lilac (667), A. Maple (200), Dogwood (500)	32	1367	1399
Small Tree/Shrub	Buckthorn	133	June Berry (25)	Cottonwood (122), P. Pine (125)	25	247	272
<b>Subtotal</b>		747					1671
<b>Total</b>		858			108	1760	1893

\* Chokecherry/Buckthorn Mix on 4,278 ft<sup>2</sup> parcel = 267 stems at 4x4 spacing (134 Chokecherry/133 Buckthorn).  
 Information based off Tree Inventory and Impact Plan; Earl Olson NRCS Plan; and Clerk Steinhuis revised NRCS Plan.

**Replacement Requirement**                      **1716**  
 Difference (over)                                      -177

Numbers	Species
136	Cottonwood
65	Black Hills Spruce/Colorado Blue Spruce (BHS/CBS)
143	Boxelder
22	Apple
10	Pear
667	Lilac
200	Amur Maple
500	Red Osier Dogwood
25	June Berry
125	Ponderosa Pine
<b>1893</b>	<b>All Species</b>