

Stewardship for Bethel Branch

Lead Steward: Andrea

2022-09-07

Boundary Issues

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Channel Issues

Year	Subtype	Issue	Issue_Desc	Treated
2022	Channel Stability/Erosion			Yes
2022	Failed Structure			No
2022	Failed Structure		Blown out bank	No
2022	Failed Structure		Eroding brush tie	No
2021	Channel Stability/Erosion		bank weakening, sloughing, cracking	Yes
2021	Channel Stability/Erosion	Erosion_Scour	Erosion. Needs plugs and stakes if they work in bedrock	No

Vegetation Issues

Year	Issue	Issue_Desc	Pct_Cover	Treated	Treatment
2022	Low Stem Density	fescue competition	51-75%	Yes	supplemental planting of 50 1-gal container trees
2022	Low Stem Vigor/Height & Density	stems planted late and suppressed by undesired vegetation	51-75%	Yes	
2022	Low Stem Vigor/Height			Yes	
2022	Low Stem Vigor/Height & Density	Plant 30 5-gallon trees		No	
2021	Bare Areas & Low Stem Vigor/Height	Size is smaller in growing season. Walked bigger winter perimeter.	26-50%	Yes	temporary seed
2021	Bare Areas & Low Stem Vigor/Height	Size is smaller in growing season. Walked bigger winter perimeter.	26-50%	Yes	seeding temp & perm mix and added soil amendments: lime, Carbon ProG, 17-17-17, Humic+, Azomite, molasses, peat moss

Year	Issue	Issue_Desc	Pct_Created	Treated	Treatment
2021	Low Stem Vigor/Height & Density	dense weeds suppressing trees	76-100%	Yes	ring sprays around trees and foliar spray to

Weed Issues

Year	Species1	Issue
2022	Chinese Privet	
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2022	Chinese Privet	
2022	Chinese Privet	Small Privet
2022	Japanese Honeysuckle	
2022	Japanese Honeysuckle	Loja canopy
2022	Multiflora Rose	
2022	Multiflora Rose	
2022	Multiflora Rose	
2022	Multiflora Rose	
2022	OTHER	Murdannia
2022	Tree Of Heaven	

Miscellaneous Issues

Year	Subtype	Issue_Desc	Treated
2022	Misc	Needs Plugs	No
2022	Misc	Corners on Moon Lindley- No signs	No
2022	Soil Sample	BUT33	na
2022	Soil Sample	UT1-SS2 BA	na
2022	Soil Sample	UT1-SS1	na