

# Stewardship for Bethel Branch

Lead Steward: Andrea

2022-09-09

## Boundary Issues

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## Channel Issues

Year	Subtype	Issue	Description
2022	Channel Stability/Erosion		
2022	Failed Structure		
2022	Failed Structure		Blown out bank
2022	Failed Structure		Eroding brush tie
2021	Channel Stability/Erosion		bank weakening, sloughing, cracking
2021	Channel Stability/Erosion	Erosion_Scour	Erosion. Needs plugs and stakes if they work in bedrock

## Vegetation Issues

Year	Issue	Description	Treatment	TreatDate
2022	Low Stem Density	fescue competition	supplemental planting of 50 1-gal container trees	03/2022
2022	Low Stem Vigor/Height & Density	stems planted late and suppressed by undesired vegetation		
2022	Low Stem Vigor/Height			
2022	Low Stem Vigor/Height & Density	Plant 30 5-gallon trees		
2021	Low Stem Vigor/Height & Density	dense weeds suppressing trees	ring sprays around trees and foliar spray to	
2021	Bare Areas & Low Stem Vigor/Height	Size is smaller in growing season. Walked bigger winter perimeter.	seeding temp & perm mix and added soil amendments: lime, Carbon ProG, 17-17-17, Humic+, Azomite, molasses, peat moss	04/2021
2021	Bare Areas & Low Stem Vigor/Height	Size is smaller in growing season. Walked bigger winter perimeter.	temporary seed	08/2021

## Weed Issues

Year	Species1	Issue
2022	Chinese Privet	
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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
2022	Misc	Needs Plugs
2022	Soil Sample	BUT33
2022	Soil Sample	UT1-SS2 BA
2022	Soil Sample	UT1-SS1
2022	Misc	Corners on Moon Lindley- No signs