

Stewardship for Bethel Branch

Lead Steward: Andrea

2023-02-14

Boundary Issues

Channel Issues

Year	Subtype	Issue	Description	Treatment	TreatDate	Resolved
2022	Channel Stability/Erosion					No
2022	Channel Stability/Erosion					No
2022	Channel Stability/Erosion					No
2022	Channel Stability/Erosion					No
2022	Failed Structure		Hole in bank, erosion around brush toe			No
2022	Failed Structure					No
2022	Failed Structure					No
2022	Failed Structure		Blown out bank			No
2022	Failed Structure		Eroding brush tie			No
2022	Failed Structure		Bank Erosion			No
2022	Failed Structure		Small hole right bank			No
2022	Failed Structure		Bank Fail			No
2022	Failed Structure		Hole in left bank behind brush toe, smartweed area (both sides)			No
2021	Channel Stability/Erosion	ErosionScour	Outside bends scour behind brush toe	Sill fixes - rocks and plugs	09/2022	Yes
2021	Channel Stability/Erosion	ErosionScour		Sill fixes - rocks and plugs	09/2022	Yes
2021	Channel Stability/Erosion	ErosionScour	Erosion. Needs stakes and plugs	Sill fixes - rocks and plugs	09/2022	No
2021	Channel Stability/Erosion		bank weakening, sloughing, cracking			No
2021	Channel Stability/Erosion	ErosionScour				No
2021	Channel Stability/Erosion	ErosionScour	Erosion. Needs plugs and stakes if they work in bedrock			No

Vegetation Issues

Year	Issue	Description	Treatment	TreatDate	Resolved
2022	Low Stem Vigor/Height and Density	Plant 30 5-gallon trees	33 3-gallon trees planted	12/2022	Yes
2022	Low Stem Density	fescue competition	supplemental planting of 50 1-gal container trees	03/2022	No
2022	Low Stem Vigor/Height and Density	stems planted late and suppressed by undesired vegetation			No
2022	Low Stem Vigor/Height				No
2021	Bare Areas and Low Stem Vigor/Height	Size is smaller in growing season. Walked bigger winter perimeter.	temporary seed	08/2021	No
2021	Bare Areas and Low Stem Vigor/Height	Size is smaller in growing season. Walked bigger winter perimeter.	seeding temp and perm mix and added soil amendments: lime, Carbon ProG, 17-17-17, Humic+, Azomite, molasses, peat moss	04/2021	No
2021	Bare Areas and Low Stem Vigor/Height	Size is smaller in growing season. Walked bigger winter perimeter.	Spread seed and amendments	09/2022	No
2021	Low Stem Vigor/Height and Density	dense weeds suppressing trees	ring sprays around trees and foliar spray to	09/2021	No

Weed Issues

Year	Species1	Species2	Issue	Resolved
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Chinese Privet		Small Privet	No
2022	Chinese Privet			No
2022	Chinese Privet			No
2022	Japanese Honeysuckle			No
2022	Japanese Honeysuckle			No
2022	Japanese Honeysuckle			No
2022	Japanese Honeysuckle		Loja canopy	No
2022	Multiflora Rose			No
2022	Multiflora Rose			No
2022	Multiflora Rose			No
2022	Multiflora Rose			No
2022	OTHER		Murdannia	No
2022	Tree Of Heaven			No
2022	Tree Of Heaven			No
2022	Tree Of Heaven			No
2021	Chinaberry	Beefsteak Plant		No

Miscellaneous Issues

Year	Subtype	Description	LocationOrFeature	Resolved
2022	Misc	Debris jam	In-Stream	Yes
2022	Misc			No
2022	Misc	Cut out B-wire		No
2022	Misc	Needs Plugs		No
2022	Misc	Repair Fence		No
2022	Misc	Bare area under trees, broken logs in stream		No
2022	Misc	Corners on Moon Lindley- No signs		No
2022	Soil Sample	BUT31		
2022	Soil Sample	BUT32		
2022	Soil Sample	BUT33		
2022	Soil Sample	BUT34		
2022	Soil Sample	UT1-SS2 BA		
2022	Soil Sample	UT1-SS1		