

Stewardship for Daniel's Creek

Lead Steward: Lydie

2022-09-09

Boundary Issues

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Channel Issues

Year	Subtype	Issue	Issue_Desc	Treatment
2021	Failed Structure	Piping	Piping around and under. Hole in bank. U-bend of piping water. Stream side cave of wonders.	Added 30 plugs
2021	Failed Structure	Failed/Not Functional	Two sills failing. Upstream is blown out underneath. Second sill piping under, maybe around.	Sill repairs and bank stabilization
2021	Channel Stability/Erosion	Erosion_Scour	Banks scoured under and riffle material is gone	
2021	Needs Livestakes		No stakes	
2021	Needs Livestakes			
2021	Needs Livestakes		Needs livestock on outside bends	
2021	Needs Livestakes		Needs livestock. Fill in gaps.	

Vegetation Issues

Year	Issue	Issue_Desc	Treatment
2022	Low Stem Vigor/Height & Density	Needs ring sprays. Coastal bermudagrass outcompeting native veg. Trees present, but supplemental planting likely	ring sprays
2021	Low Stem Density	Low stem density in haul road. Soil VERY compacted.	
2021	Low Stem Density	Throughout floodplain, but better towards creek	
2021	Bare Areas & Low Stem Density	Not filling in very well. Growth stunted.	
2021	Bare Areas & Low Stem Density	Area of low growth and sparse vegetation	
2021	Low Stem Density	No trees! Needs Bermuda grass treatment and live stakes.	
2021	Bare Areas & Low Stem Density	Haul road? Basically no trees. Veg is bermudagrass. Bare areas are very small and not troublesome in scale.	
2021	Low Stem Density	Basically no trees. Bermudagrass monoculture.	
2021	Low Stem Density	Coastal bermuda outcompeting trees. No trees needed in powerline	
2021	Low Stem Density	Coastal bermuda outcompeting trees	
2021	Bare Areas & Low Stem Density	Coastal bermuda outcompeting trees, but no replanting needed. Ring sprays with boosters may be best. Watch out for hole near fence and bare patch!	
2021		Coastal bermuda outcompeting trees. Density isn't too bad, but boosters definitely needed.	
2021		Bermudagrass outcompeting trees. Needs replanting.	
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2021	Bare Areas, Low Stem Vigor/Height & Density	Sparse vegetation. Very few trees. Rocky soils.	
2021		Bermudagrass outcompeting trees. Needs replanting.	

Weed Issues

Year	Species1	Species2	Issue	Treatment	Method	TreatDate
2022	Chinese Privet		Spot of privet near GWG 4			
2022	Marsh Dewflower			foliar 5% solution	Backpack Spray	04/2022
2022	Marsh Dewflower			foliar 4.5% solution	Backpack Spray	06/2022
2022	Marsh Dewflower			foliar 4.5% solution	Backpack Spray	07/2022

Year	Species1	Species2	Issue	Treatment	Method	TreatDate
2022	Marsh Dewflower			foliar removal 5% solution	Backpack Spray	04/2022
2022	Marsh Dewflower			foliar 2.5 % solution	Backpack Spray	06/2022
2022				In-stream veg removal with glyphosate		05/2022
2022						
2022						
2022						
2021	Blackberry		Thick patch. Chop then spray			
2021	Chinese Privet	Japanese Honeysuckle		In-stream veg and Murdannia removal		06/2022
2021	Chinese Privet	Japanese Honeysuckle	Scattered stems in wooded area			
2021	Chinese Privet					
2021	Multiflora Rose	Blackberry	scattered stems			
2021	OTHER		Cattail			

Miscellaneous Issues

Year	Subtype	Issue_Desc	Issue_LocationOrFeature
2022	Soil Sample	DAN10	
2022	Soil Sample	DAN4	
2021	Misc	Scour. Add cover crop	Bank
2021	Misc	Repair equipment path has no trees. Stream bank has no live stakes.	
2021	Misc	Silt fencing with t-posts	
2021	Misc	Overview of repair	