

Stewardship for Daniel's Creek

Lead Steward: Lydie

2022-10-17

Boundary Issues

Year	Issue	Issue_Desc	Resolved
2021	Herbicide	Herbicide overspray	No

Channel Issues

Year	Subtype	Issue	Description	Treatment	TreatDate	Resolved
2022	Failed Structure			Added plugs	09/2022	No
2021	Needs Livestakes		No stakes			Yes
2021	Needs Livestakes		Fill in the gaps			Yes
2021	Needs Livestakes		Needs livestockes. Install 75% of usual rate.			Yes
2021	Needs Livestakes		Needs livestockes. Fill in gaps.			Yes
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	09/2021	Yes
2021	Failed Structure	Failed/Not Functional	Two sills failing. Upstream is blown out underneath. Second sill piping under, maybe around.	Added 30 plugs	10/2021	Yes
2021	Failed Structure	Piping	Piping around and under. Hole in bank. U-bend of piping water. Stream side cave of wonders.	Sill repair and bank stabilization.	09/2021	Yes
2021	Failed Structure	Piping	Piping around and under. Hole in bank. U-bend of piping water. Stream side cave of wonders.	Added 30 plugs	10/2021	Yes
2021	Failed Structure	Failed/Not Functional	Last log in riffle is piping underneath			Yes

Year	Subtype	Issue	Description	Treatment	TreatDate	Resolved
2021	Channel Stability/Erosion	Erosion_Scour	Soil lift failed in MY0			No
2021	Channel Stability/Erosion	Erosion_Scour	Banks scoured under and riffle material is gone			No
2021	Needs Livestakes		Fill in the gaps			No
2021	Needs Livestakes		No stakes			No
2021	Needs Livestakes					No
2021	Needs Livestakes		No stakes			No
2021	Needs Livestakes		Needs livestock. Almost none present.			No
2021	Needs Livestakes		Needs livestock on outside bends			No
2021	Needs Livestakes		Needs livestock. Fill in gaps.			No
2021	Needs Livestakes		Needs livestock. Fill in gaps.			No
2021	Failed Structure	Erosion/Scoured	Fix filter fabric and live stake around ends	Cut back fabric	09/2022	No

Vegetation Issues

Year	Issue	Description	Treatment	Treat Date	Resolved
2022	Low Stem Vigor/Height & Density	Needs ring sprays. Coastal bermudagrass outcompeting native veg. Trees present, but supplemental planting likely	ring sprays	05/2022	No
2021	Low Stem Density	Low stem density in haul road. Soil VERY compacted.			No
2021	Low Stem Density	Throughout floodplain, but better towards creek			No
2021	Bare Areas & Low Stem Density	Not filling in very well. Growth stunted.			No
2021	Bare Areas & Low Stem Density	Area of low growth and sparse vegetation			No
2021	Low Stem Density	No trees! Needs Bermuda grass treatment and live stakes.			No
2021	Bare Areas & Low Stem Density	Haul road? Basically no trees. Veg is bermudagrass. Bare areas are very small and not troublesome in scale.			No
2021	Low Stem Density	Basically no trees. Bermudagrass monoculture.			No
2021	Low Stem Density	Coastal bermuda outcompeting trees. No trees needed in powerline			No
2021	Low Stem Density	Coastal bermuda outcompeting trees			No
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!			No
2021		Coastal bermuda outcompeting trees. Density isn't too bad, but boosters definitely needed.			No
2021		Bermudagrass outcompeting trees. Needs replanting.			No
2021		Bermudagrass outcompeting trees. Needs replanting.			No
2021		Bermudagrass outcompeting trees. Needs replanting.			No
2021	Bare Areas, Low Stem Vigor/Height & Density	Sparse vegetation. Very few trees. Rocky soils.			No
2021		Bermudagrass outcompeting trees. Needs replanting.			No

Weed Issues

Year	Species1	Species2	Issue	Treatment	Method	TreatDate	Resolved
2022	Marsh			foliar 5% solution	Backpack	04/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 5% solution	Backpack	05/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 4.5% solution	Backpack	06/2022	No
	Dewflower				Spray		
2022	Marsh			retreatment- 2.5% solution	Backpack	06/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 4.5% solution	Backpack	06/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 4.5% solution	Backpack	07/2022	No
	Dewflower				Spray		
2022	Marsh			foliar removal 5% solution	Backpack	04/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 5% solution	Backpack	05/2022	No
	Dewflower				Spray		
2022	Marsh			foliar removal 2.5% solution	Backpack	06/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 5%	Backpack	06/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 2.5 % solution	Backpack	06/2022	No
	Dewflower				Spray		
2022	Marsh			foliar 4.5% solution	Backpack	07/2022	No
	Dewflower				Spray		
2022	Marsh						No
	Dewflower						
2022				Foliar		06/2022	Yes
2022				Treated with glyphosate		05/2022	Yes
2022				Murdannia removal		06/2022	No
2022				Foliar		05/2022	No
2022							No
2022				In-stream veg removal with glyphosate		05/2022	No

Year	Species1	Species2	Issue	Treatment	Method	TreatDate	Resolved
2022				Treated with glyphosate		05/2022	No
2022							No
2022							No
2022							No
2022							No
2022							No
2021	Blackberry						No
2021	Blackberry		Thick patch. Chop then spray				No
2021	Callery Pear	Chinese Privet	Probably root sprouts				No
2021	Callery Pear		1 stem- lop size				No
2021	Chinese Privet	Japanese Honeysuckle		In-stream veg and Murdannia removal		06/2022	No
2021	Chinese Privet	Japanese Honeysuckle	Scattered stems in wooded area				No
2021	Chinese Privet	Japanese Honeysuckle	Scattered stems in wooded area	Murdannia removal	Backpack Spray	06/2022	No
2021	Chinese Privet	Japanese Honeysuckle	Scattered stems, mostly in wooded headwaters. Bermudagrass on slopes. Needs ring sprays.	cut stump and ring sprays	Cut Stump	06/2021	No
2021	Chinese Privet						No
2021	Chinese Privet	Japanese Honeysuckle	stems along woodline				No
2021	Japanese Honeysuckle		Runners on stream bank				No
2021	Japanese Honeysuckle	Chinese Privet	Pruner-saw size privet, mid-canopy honeysuckle				No
2021	Multiflora Rose	Blackberry	scattered stems				No
2021	OTHER		Smartweed and dogfennel	ring sprays	Backpack Spray	06/2021	No
2021	OTHER		Buttercup ring sprays needed				No
2021	OTHER		Cattail				No
2021	OTHER		Cattail				No

Miscellaneous Issues

Year	Subtype	Issue_Desc	Issue_LocationOrFeature	Resolved
2022	Misc	Gate		Yes
2022	Soil Sample	DAN10		
2022	Soil Sample	DAN7		
2022	Soil Sample	DAN1		
2022	Soil Sample	DAN4		
2022	Soil Sample	DAN3		
2021	Misc	Overview of repair		Yes
2021	Misc	Scour. Add cover crop	Bank	No
2021	Misc	Repair equipment path has no trees. Stream bank has no live stakes.		No
2021	Misc	Silt fencing with t-posts		No
2021	Misc	Barb wire fencing with t-posts		No
2021	Misc	Needs winter cover crop on slopes	Bank	No
2021	Misc	Needs a sign. U-Post present.		No
2021	Misc	Cut willow out of channel and live stake the bits		No
2021	Misc	Pile of rocks		No