Stewardship for Daniel's Creek

Lead Steward: Lydie

2022-09-27

Boundary Issues

Year	Issue	Issue_Desc	Resolved
2021	Herbicide	Herbicide overspray	No

Channel Issues

Year	Subtype	Issue	Description	Treatment	TreatDa	t R esolved
2022	Failed Structure					No
2021	Needs Livestakes		No stakes			Yes
2021	Needs Livestakes		Fill in the gaps			Yes
2021	Needs Livestakes		Needs livestakes. Install 75% of usual rate.			Yes
2021	Needs Livestakes		Needs livestakes. 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	TreatDat@Resolved
2021	Channel Stabil- ity/Erosion	Erosion_Scour	Soil lift failed in MY0		No
2021	Channel Stabil- ity/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 livestakes. Almost none present.		No
2021	Needs Livestakes		Needs livestakes on outside bends		No
2021	Needs Livestakes		Needs livestakes. Fill in gaps.		No
2021	Needs Livestakes		Needs livestakes. Fill in gaps.		No
2021	Failed Structure	Erosion/Scoured	d Fix filter fabric and live stake around ends		No

Vegetation Issues

Year	Issue	Description	Treatme	entTreatDatResolved
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.	1 0	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
	Low Stem Density	Coastal bermuda outcompeting trees. No trees needed in powerline		No
	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	v	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	TreatDatResolved
2022 Chinese		Spot of privet near GWG 4			No
Privet					
2022 Marsh			foliar 5% solution	Backpack	04/2022 No
Dewflow	er			Spray	,
2022 Marsh			foliar 5% solution	Backpack	05/2022 No
Dewflow	er			Spray	,
2022 Marsh			foliar 4.5% solution	Backpack	06/2022 No
Dewflow	er			Spray	,
2022 Marsh			retreatment- 2.5%	Backpack	06/2022 No
Dewflow	er		solution	Spray	,
2022 Marsh			foliar 4.5% solution	Backpack	06/2022 No
Dewflow	er			Spray	,
2022 Marsh			foliar 4.5% solution	Backpack	07/2022 No
Dewflow	er			Spray	,
2022 Marsh			foliar removal 5%	Backpack	04/2022 No
Dewflow	er		solution	Spray	,
2022 Marsh			foliar 5% solution	Backpack	05/2022 No
Dewflow	er			Spray	
2022 Marsh			foliar removal 2.5%	Backpack	06/2022 No
Dewflow	er		solution	Spray	,
2022 Marsh			foliar 5%	Backpack	06/2022 No
Dewflow	er			Spray	,
2022 Marsh			foliar 2.5% solution	Backpack	06/2022 No
Dewflow	er			Spray	,
2022 Marsh			foliar 4.5% solution	Backpack	07/2022 No
Dewflow	er			Spray	
2022 Marsh				1 10	No
Dewflow	er				
2022 OTHER		Cattail			No
2022			Foliar		06/2022 Yes
2022			Treated with		05/2022 Yes
			glyphosate		, -
2022			Murdannia removal		06/2022 No
2022			Foliar		05/2022 No
2022					No

2022	Year Species1	Species2	Issue	Treatment	Method	TreatDatResolve
	2022			~		05/2022 No
2022 2022 2022 2022 2022 2022 2021 2022 2021 2022 2021 2	2022			Treated with		05/2022 No
2022	2022					No
2022	2022					No
2022 Salackberry Thick patch. Chop then spray Salackberry Thick patch. Chop then spray Salackberry Sal	2022					No
2021 Blackberry 2021 Blackberry 2021 Callery Pear Chinese Probably root sprouts 2021 Callery Pear Chinese Privet 2021 Chinese Japanese Scattered stems in wooded area 2021 Chinese Japanese Scattered stems, mostly in wooded headwaters. 2021 Chinese Privet Honeysuckle 2021 Chinese Japanese Scattered stems, mostly in wooded headwaters. 2021 Chinese Privet Honeysuckle Bermudagrass on slopes. Needs ring sprays. 2021 Chinese Japanese stems along woodline 2021 Chinese Japanese Stems along woodline 2021 Japanese Chinese Pruner-saw size privet, mid-canopy honeysuckle 2021 Japanese Chinese Pruner-saw size privet, mid-canopy honeysuckle 2021 Multiflora Blackberry Scattered stems 2021 Multiflora Blackberry Scattered stems 2021 Multiflora Blackberry Scattered stems 2021 THER Smartweed and dogfennel ring sprays Backpack 06/2021 Nochrotic Privater Scattered stems 2021 THER Smartweed and dogfennel ring sprays Backpack 06/2021 Nochrotic Privater Scattered stems 2021 Multiflora Blackberry Scattered stems 2021 THER Smartweed and dogfennel ring sprays Backpack 06/2021 Nochrotic Privater Scattered stems 2021 THER Scattered stems 2021 THER Scattered stems 2022 Multiflora Blackberry Scattered stems 2023 THER Scattered stems 2024 THER Scattered stems 2024 THER Scattered stems 2025 THER Scattered stems 2026 THER Scattered stems 2027 THER Scattered stems 2027 THER Scattered stems 2028 THE Scattered stems 2028 THE Scattered stems 2029 THER Scattered stems 2029 THER Scattered stems 2029 THER Scattered stems 2020 THER Scattered stems 2020 THER Scattered stems 2020 THER Scattered stems 2021 THER Scattered stems 2021 THER Scattered stems 2021 THER Scatt	2022					No
Blackberry Thick patch. Chop then spray Probably root sprouts Probably	2022					No
2021 Blackberry Chinese Probably root sprouts Privet	2022					No
2021 Callery Pear Chinese Privet	2021 Blackberry					No
Privet Stem-lop size Ste	2021 Blackberry		Thick patch. Chop then spray			No
2021 Chinese Japanese Honeysuckle Honeysuckle Scattered stems in wooded area Privet Honeysuckle Honeysuckle Privet Honeysuckle Privet Honeysuckle Privet Honeysuckle Spray Privet Honeysuckle Spray Privet Honeysuckle Bermudagrass on slopes. Needs ring sprays. Sprays Stump Privet Honeysuckle Privet Honeysuckle Bermudagrass on slopes. Needs ring sprays. Sprays Stump Privet Honeysuckle Privet Honeysuckle Bermudagrass on slopes. Needs ring sprays. Sprays Stump Privet Honeysuckle Privet Honeysuckle Privet Honeysuckle Privet Honeysuckle Bermudagrass on slopes. Needs ring sprays. Sprays Stump Privet Honeysuckle Privet Honeysuckle Privet Honeysuckle Privet Honeysuckle Stems along woodline Privet Honeysuckle Privet Honeysuckle Privet Honeysuckle Privet Privet Honeysuckle Privet P	2021 Callery Pear		Probably root sprouts			No
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Chinese Japanese Scattered stems in wooded area Privet Honeysuckle	2021 Chinese	Japanese		In-stream veg and		06/2022 No
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Privet Honeysuckle Chinese Japanese Scattered stems, mostly in wooded headwaters. Privet Honeysuckle Bermudagrass on slopes. Needs ring sprays. Chinese Privet Chinese Privet Chinese Japanese Stems along woodline Privet Honeysuckle Dapanese Runners on stream bank Honeysuckle Chinese Privet Chinese Japanese Runners on stream bank Honeysuckle Chinese Privet Chinese Backpack Chinese Runners on stream bank Honeysuckle Chinese Privet Chinese Privet Chinese Runners on stream bank Honeysuckle Chinese Privet Chine	Privet					
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Privet 2021 Chinese Japanese stems along woodline Privet Honeysuckle 2021 Japanese Runners on stream bank Honeysuckle 2021 Japanese Chinese Pruner-saw size privet, mid-canopy honeysuckle Honeysuckle Privet 2021 Multiflora Blackberry scattered stems Rose 2021 OTHER Smartweed and dogfennel ring sprays Backpack 06/2021 Magnetic Stream	Privet	Honeysuckle	Bermudagrass on slopes. Needs ring sprays.	sprays	Stump	
2021 Chinese Japanese stems along woodline Privet Honeysuckle 2021 Japanese Runners on stream bank Honeysuckle 2021 Japanese Chinese Pruner-saw size privet, mid-canopy honeysuckle Honeysuckle Privet 2021 Multiflora Blackberry scattered stems Rose 2021 OTHER Smartweed and dogfennel ring sprays Backpack 06/2021 N	2021 Chinese					No
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2021 Japanese Chinese Pruner-saw size privet, mid-canopy honeysuckle Honeysuckle Privet 2021 Multiflora Blackberry scattered stems Rose 2021 OTHER Smartweed and dogfennel ring sprays Backpack 06/2021 Mackage States St			Runners on stream bank			No
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2021 Multiflora Blackberry scattered stems Rose 2021 OTHER Smartweed and dogfennel ring sprays Backpack 06/2021 N	2021 Japanese	Chinese	Pruner-saw size privet, mid-canopy honeysuckle			No
Rose 2021 OTHER Smartweed and dogfennel ring sprays Backpack 06/2021 N						
2021 OTHER Smartweed and dogfennel ring sprays Backpack 06/2021 N		Blackberry	scattered stems			No
	2021 OTHER		Smartweed and dogfennel	ring sprays	-	06/2021 No
	2021 OTHER		Buttercup ring sprays needed		- •	No
	2021 OTHER					No

Year Species1	Species2	Issue	Treatment Method	${\bf TreatDatRe solved}$
2021 OTHER		Cattail		No

Miscellaneous Issues

Year	Subtype	Issue_Desc	$Issue_LocationOrFeature$	Resolved
2022	Misc	Gate		Yes
2022	Soil Sample	DAN10		na
2022	Soil Sample	DAN7		na
2022	Soil Sample	DAN1		na
2022	Soil Sample	DAN4		na
2022	Soil Sample	DAN3		na
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