

# Stewardship for Daniel's Creek

Lead Steward: Lydie

2022-08-31

## Boundary Issues

Year	Issue	Issue_Desc	Treated	Treatment	Resolved
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## Channel Issues

Year	Subtype	Issue	Issue_Desc	Treated	Treatment	Resolved
32	2021 Failed Structure	Erosion/Scour	Fix filter fabric and live stake around ends	No		No
33	2021 Failed Structure	Failed/Not Functional	Last log in riffle is piping underneath	No		Yes
34	2021 Needs Lives-takes		No stakes	Yes		Yes
35	2021 Needs Lives-takes		No stakes	Yes		No
36	2021 Needs Lives-takes		Needs livestakes. Fill in gaps.	Yes		Yes
37	2021 Failed Structure	Piping	Piping around and under. Hole in bank. U-bend of piping water. Stream side cave of wonders.	Yes	Added 30 plugs	Yes
38	2022 Failed Structure			No		No

## Vegetation Issues

Year	Issue	Issue_Desc	Percent_Cover	Treated	Treatment	Resolved
2021	Low Stem Density	Low stem density in haul road. Soil compacted.	VERY 76-100%	No		No
2021	Low Stem Density	Throughout floodplain, but better towards creek	76-100%	No		No

Year	Issue	Issue_Desc	Percent_Cover	Treat_Applied	Effectiveness	Resolved
2021	Bare Areas & Low Stem Density	Not filling in very well. Growth stunted.	76-100%	No		No
2021	Bare Areas & Low Stem Density	Area of low growth and sparse vegetation	51-75%	No		No
2021	Low Stem Density	Basically no trees. Bermudagrass monoculture.	76-100%	No		No
2021	Low Stem Density	Coastal bermuda outcompeting trees. No trees needed in powerline	76-100%	No		No
2021	Low Stem Density	Coastal bermuda outcompeting trees	76-100%	No		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		No
2021		Coastal bermuda outcompeting trees. Density isn't too bad, but boosters definitely needed.	76-100%	No		No
2021		Bermudagrass outcompeting trees. Needs replanting.		No		No
2021		Bermudagrass outcompeting trees. Needs replanting.		No		No
2021		Bermudagrass outcompeting trees. Needs replanting.		No		No
2021	Bare Areas, Low Stem Vigor/Height & Density	Sparse vegetation. Very few trees. Rocky soils.	76-100%	No		No
2021		Bermudagrass outcompeting trees. Needs replanting.	76-100%	No		No
2021	Low Stem Density	No trees! Needs Bermuda grass treatment and live stakes.	76-100%	Yes		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.	76-100%	Yes		No
2022	Low Stem Vigor/Height & Density	Needs ring sprays. Coastal bermudagrass outcompeting native veg. Trees present, but supplemental planting likely	76-100%	No	ring sprays	No

## Weed Issues

Year	InvSpecies	InvSpecies	InvSpecies	Issue3 Desc	Treatment	Treat_Method	Percent_Cover	Effectiveness
225	2021	Blackberry						No
226	2021	Callery Pear	Chinese Privet	Probably root sprouts				No
227	2021	Callery Pear		1 stem- lop size				No

Year	InvSpecies	InvSpecies	InvSpecies	Issue3_Desc	Treatment	Treat_Mech	Treat_Dat	Percent	Cost	Effective
228 2021	Chinese Privet	Japanese Hon-ey-suckle	Multiflora Rose	Scattered stems in wooded area						No
229 2021	Chinese Privet	Japanese Hon-ey-suckle	Multiflora Rose	Scattered stems, mostly in wooded headwaters. Bermudagrass on slopes. Needs ring sprays.	cut stump and ring sprays	Cut Stump	2021-06-16 00:00:00	1-5%		No
230 2021	Chinese Privet	Japanese Hon-ey-suckle	Blackberry	Stems along woodline						No
231 2021	Japanese Hon-ey-suckle			Runners on stream bank						No
232 2021	Japanese Hon-ey-suckle	Chinese Privet		Pruner-saw size privet, mid-canopy honeysuckle						No
233 2021	OTHER			Smartweed and dogfennel	ring sprays	Backpack Spray	2021-06-16 00:00:00			No
234 2021	OTHER			Buttercup ring sprays needed						No
235 2021	OTHER			Cattail						No
236 2022	Marsh Dewflower				foliar 5% solution	Backpack Spray	2022-05-26 00:00:00	76-100%		No
237 2022	Marsh Dewflower				retreatment-2.5% solution	Backpack Spray	2022-06-22 00:00:00			No
238 2022	Marsh Dewflower				foliar 4.5% solution	Backpack Spray	2022-06-07 00:00:00			No
239 2022	Marsh Dewflower				foliar 5% solution	Backpack Spray	2022-05-26 00:00:00	76-100%		No
240 2022	Marsh Dewflower				foliar 2.5 % solution	Backpack Spray	2022-06-22 00:00:00			No
241 2022	Marsh Dewflower									No
242 2022	OTHER			Cattail						No
243 2022					Murdannia removal		2022-06-01 21:18:47			No
244 2022					Foliar		2022-06-01 09:17:11			Yes

Year	InvSpecies	InvSpecies	InvSpecies	Issue3_Desc	Treatment	Treat_Media	Treat_Date	Percent_Resolved	Effective_
245	2022				Foliar		2022-05-26 16:24:05	No	
246	2022				Treated with glyphosate		2022-05-26 06:44:54	Yes	
247	2022							No	
248	2022				In-stream veg removal with glyphosate		2022-05-26 00:00:00	No	
249	2022							No	
250	2022							No	
251	2022							No	

### Miscellaneous Issues

	Site	Year	Subtype	Issue_Desc	Issue_Location	Treated	Resolved	Steward
33	Daniel's Creek	2021	Misc	Scour. Add cover crop	Bank	No	No	Lydie
34	Daniel's Creek	2021	Misc	Repair equipment path has no trees. Stream bank has no live stakes.		No	No	Lydie
35	Daniel's Creek	2021	Misc	Needs winter cover crop on slopes	Bank	No	No	Lydie
36	Daniel's Creek	2021	Misc	Needs a sign. U-Post present.		No	No	Lydie
37	Daniel's Creek	2021	Misc	Pile of rocks		No	No	Lydie
38	Daniel's Creek	2021	Misc	Barb wire fencing with t-posts		Yes	No	Lydie
39	Daniel's Creek	2022	Soil Sample	DAN7		na	na	Lydie
40	Daniel's Creek	2022	Soil Sample	DAN3		na	na	Lydie
NA								
NA.1								
NA.2								
NA.3								