

# Stew GDB Export

Lydie Costes

2022-08-31

## Boundary Issues

	Site	Year	Issue	Issue_Desc	Treated	Treat_Desc	Resolved
1	Anderson Farm	2022	Mowing	Mowing encroachment. 0.5" polytape strung this entire length.	Partial		No
29	Perry Hill	2021	Herbicide	Overspray onto CE. Injured 1-2 rows of trees and groundcover.	No		No

## Channel Issues

	Site	Year	Subtype	Issue	Issue_Desc	Treated	Treat_Desc	Resolved	Lead	Steward
18	Buckwater	2019	Failed Structure					No	Neil	
19	Buckwater	2019	Failed Structure	Piping	Log sill. Piping readily on right side			No	Neil	
20	Buckwater	2021	Needs Livestakes		Needs live stakes. Finish polyline			No	Neil	
21	Buckwater	2022	Channel Stability/Erosion	Erosion_Scour	Erosion	Yes	Live stakes	Yes	Neil	
22	Buckwater	2022	Channel Stability/Erosion		Sills require fixing	Yes	Fixed sills	Yes	Neil	
23	Buckwater	2022	Channel Stability/Erosion		Sills require fixing	Yes		Yes	Neil	
70	Perry Hill	2022	Failed Structure	Failed/Not Functional	head cut at/ below sill, erosion area	No		No	Neil	

## Vegetation Issues

	Site	Year	Issue	Issue_Desc	Percent Treated	Treat_Desc	Resolved	Method
13	Buckwater	2020		replant 250 stems/acre- treat fescue	25 new stems.	Yes tree planting	Yes	
14	Buckwater	2020		replant 250 stems/acre- treat fescue	25 new stems.	Yes ring sprays	Yes	
15	Buckwater	2020	Low Stem Density	Needs trees. ring sprays	Dense tall fescue needs	26-50% Yes Planted 110 new bare roots and 1-gallons	Yes	

Site	Year	Issue	Issue_Desc	Percent	Treat	Treat_Aff_Desc_Veg	Treat_R	Method_1
16	Buckw	2020 Low Stem Density	Needs trees. Dense tall fescue needs ring sprays	26- 50%	Yes	ring sprays	Yes	
17	Buckw	2020 Low Stem Vigor/Height & Density	Replant. Needs 150 stems per acre. Needs ring sprays. One round of ring sprays was previously completed in early spring 2020	26- 50%	Yes	tree planting	Yes	
18	Buckw	2020 Low Stem Vigor/Height & Density	Replant. Needs 150 stems per acre. Needs ring sprays. One round of ring sprays was previously completed in early spring 2020	26- 50%	Yes	ring sprays	Yes	
19	Buckw	2020 Low Stem Vigor/Height & Density	Replant. Needs 150 stems per acre. Needs ring sprays. One round of ring sprays was previously completed in early spring 2020	26- 50%	Yes	Ring sprays	Yes	
20	Buckw	2020 Low Stem Density	replant 250 stems/acre- 75 new stems. treat fescue		Yes	tree planting	Yes	
21	Buckw	2020 Low Stem Density	replant 250 stems/acre- 75 new stems. treat fescue		Yes	ring sprays	Yes	
22	Buckw	2020 Low Stem Vigor/Height & Density	Replant 200 stems/acre- 640 stems. dense tall fescue needs ring sprays	51- 75%	Yes		Yes	
23	Buckw	2020 Low Stem Vigor/Height & Density	Replant 200 stems/acre- 640 stems. dense tall fescue needs ring sprays	51- 75%	Yes	Ring sprays. All N half. Some S half	Yes	
24	Buckw	2020 Low Stem Vigor/Height & Density	Replant 200 stems/acre- 640 stems. dense tall fescue needs ring sprays	51- 75%	Yes	Planted 640 stems. Ring sprays	Yes	
25	Buckw	2020 Low Stem Vigor/Height & Density	replant 175 stems/acre- 298 new stems. Need ring sprays		Yes	tree planting	Yes	
26	Buckw	2020 Low Stem Vigor/Height & Density	replant 175 stems/acre- 263 stems . treat dense tall fescue		Yes	planted 263 new stems	Yes	

Site	Year	Issue	Issue_Desc	Percent	Treat	Treat_Aff_Desc_Veg	Treat_R	Method_1
27	Buckw	2020 Low Stem Vigor/Height & Density	replant 175 stems/acre- 263 stems . treat dense tall fescue		Yes	ring sprays	Yes	
28	Buckw	2020	replant 250 stems/acre- 25 new stems. treat fescue		Yes	planted 25 stems	Yes	
29	Buckw	2020	replant 250 stems/acre- 25 new stems. treat fescue		Yes	ring sprays	Yes	
30	Buckw	2020 Low Stem Vigor/Height & Density	replant 150 stems/acre- 45 new stems. low groundcover. Few trees are low		Yes	planted 45 new stems	Yes	
31	Buckw	2020 Low Stem Vigor/Height & Density	Need replant- 150 stems/acre. 105 new stems. old pond- take soil sample		Yes	planted 105 new stems	Yes	
32	Buckw	2020 Low Stem Vigor/Height & Density	replant 175 stems/acre- 420 new stems. Poor soils		Yes	tree planting and soil amendments on every stem	Yes	
33	Buckw	2020 Low Stem Vigor/Height & Density	replant 175 stems/acre- 420 new stems. Poor soils		Yes	soil amendments	Yes	
34	Buckw	2020	Old field succession dominating area. Low planted stem density persists after tree plantings in early 2021		Yes	40 new bare root and 1-gallon containers planted- 300 stem/acre rate	No	
35	Buckw	2020	Old field succession dominating area. Low planted stem density persists after tree plantings in early 2021		Yes	ring sprays- 2.5% glyphosate	No	
36	Buckw	2020	Old field succession dominating area. Low planted stem density persists after tree plantings in early 2021		Yes	Cleared blackberry heavily competing with trees	No	
37	Buckw	2020 Low Stem Vigor/Height & Density	replant 150 stems/acre- 45 new stems. old haul road. trees damaged during repair		Yes		Yes	
38	Buckw	2020 Low Stem Density	Dense tall fescue. Add 30 one gallons and ring spray	51- 75%		ring sprays	No	

	Site	Year	Issue	Issue_Desc	Percent	TG	Can	Treat	Aff	Dec	Veg	Treat	RM	Method	1
39	Buckw	2021	Low Stem Density	Needs about 25 more trees and ring sprays.	51-75%								No		
40	Buckw	2021	Low Stem Density	Old pond. Plant willows, elderberry, mulberry, and cottonwood. ~25 stems. Add live stakes along streams	76-100%								No		
41	Buckw	2021	Low Stem Density	Old field succession. Reduce sweet gum by 40%. Plan for blackberry release, 25 one gallons, and ring sprays	51-75%								No		
42	Buckw	2021	Low Stem Density	Needs 25 one gallons	51-75%								No		
43	Buckw	2021	Low Stem Vigor/Height & Density	Needs 20 one gallons. Add amendments now. Very few trees in veg plot	51-75%								No		
44	Buckw	2021		Need tree release and some one gallon planting. Plan for planting ~50 containers, ring sprays, blackberry release, and amendments	26-50%	No	brush cut					Backpack	No		
45	Buckw	2021		Need tree release and some one gallon planting. Plan for planting ~50 containers, ring sprays, blackberry release, and amendments	26-50%	No	follow up spray with 2.5% triclopyr						No		
46	Buckw	2021		Need tree release and some one gallon planting. Plan for planting ~50 containers, ring sprays, blackberry release, and amendments	26-50%	No	Weedat blackberry around trees					Mow	No		
47	Buckw	2021	Bare Areas & Low Stem Density	Continue seeding, amendments, and plant willow poles		Yes	heavily seeded bare areas in P2 cuts with millet						No		
48	Buckw	2021	Bare Areas & Low Stem Density	Continue seeding, amendments, and plant willow poles		Yes	planted 325 new stems. Added soil amendment mix to planting holes for containers						No		
49	Buckw	2021	Bare Areas & Low Stem Density	Continue seeding, amendments, and plant willow poles		Yes	ring sprays- 2.5% glyphosate solution						No		
50	Buckw	2021	Bare Areas & Low Stem Density	Continue seeding, amendments, and plant willow poles		Yes	Cover crop						No		

Site	Year	Issue	Issue_Desc	Percent	TG	Treated	Affected	Dec_Veg	Treat	Revised	Method_1
120	Grant	2021	Low	Low density and diversity. 5-10	No				No		
	Branch	Stem	Vigor/Height & Density								
121	Grant	2021	Low	P2 cut area looks good on ground cover	No				No		
	Branch	Stem	Vigor/Height & Density								
161	Mangrove	2021	Low	replant 200 stems/acre - 400 new stems. Needs tree boosters	Partial	Supplemental			No		
	Home-stead	Stem	Vigor/Height & Density			planting completed 2/10/22					
162	Mangrove	2021	Low	Replant 250 stems/acre. Need ring sprays	Partial				No		
	Home-stead	Stem	Vigor/Height & Density								
163	Mangrove	2021	Low	replant 150 stems/acre - 150 new stems.	Yes				Yes		
	Home-stead	Stem	Vigor/Height & Density								
164	Mangrove	2021	Low	Replant 150 stems/acre - 225 new stems	Yes				Yes		
	Home-stead	Stem	Density								
165	Martin	2021	Low	Potentially low stem density and diversity- mostly sycamores. Will evaluate September 2021. Ring sprays in spring 2021	Yes	ring sprays			No		
	Dairy	Stem	Density								
170	Perry	2021	Bare	Add seed	No				No		
	Hill	Areas									
171	Perry	2021		Heavy competition from Johnson grass jimson weed and other ag weeds. Difficult to find any trees. Check for trees in November 2021. Possible replant. Definitely work on tree release spring 2022	Partial				No		
	Hill										
172	Perry	2021		Blackberry growing in and competing with trees. Spray triclopyr in fall and/or spring	Yes				No		
	Hill										
176	Sandy	2021	Low	Tall pasture grasses/ ring sprays needed	51-75%	Yes			No		
	Branch	Stem	Vigor/Height								
177	Sandy	2021	Low		51-75%	Yes			No		
	Branch	Stem	Vigor/Height								
178	Sandy	2021	Low	Tall pasture grasses/ ring sprays needed	51-75%	Yes			No		
	Branch	Stem	Vigor/Height								

Site	Year	Issue	Issue_Desc	Percent_Treated	Treat_Affected_Veg	Treat_Rate	Method_1
179 Sandy Branch	2021	Low Stem	Tall pasture grasses / ring sprays needed	51-75%	Yes		No
191 Thorough Swamp	2022	Bare Areas, Low Stem	Old road still looks like a road. Only a couple stems alive in this area. Low herbaceous growth as well but no sign of mowing or vehicular traffic.		No		No
		Vigor/Height & Density					

## Weed Issues

Site	Year	InvSpec	InvSpec	InvSpec	Issue 3 Desc	Treat_Desc	Treat_Method	Date	Percent	Resolved	Effect	Steward
148 Buckw	2019	Chinese Privet			Small patch					No	Neil	
149 Buckw	2019	Chinese Privet	Japanese Hon-ey-suckle		cut stump (LISI) and foliar (LOJA)					No	Neil	
150 Buckw	2019	Japanese Hon-ey-suckle								No	Neil	
151 Buckw	2019	Multiflora Rose			one large clump					No	Neil	
152 Buckw	2019	Tree Of Heaven			Some large some sapling	stem injection	Stem In-jection	2021-09-29		No	Neil	
153 Buckw	2021	Blackberry			Cut in April 2021. Spray in early spring 2022					No	Neil	
154 Buckw	2021	Chinese Privet			large stems	Cut stump	Cut Stump	2021-02-02	76-100%	Yes	Neil	
155 Buckw	2021	Chinese Privet			some small. some resprouting previously treated large stems					Yes	Neil	
156 Buckw	2021	Johnson Grass			Dense. Flowering in July 2021					No	Neil	

Site	Year	InvSpec	InvSpec	InvSpec	InvSpec	Desc	Treat_Desc	Treat_Type	Treat_Date	Cost	Effect	Steward
157 Buckw	2021	Multiflora				Treated in spring 2021. Few shoots survive. Treat in September 2021	sprayed out		2021-04-23	No	Neil	
158 Buckw	2021	Sweet Gum				Dense sweet gum. Reduce by 50%				No	Neil	
159 Buckw	2021	Tree Of Heaven				Several trees. Stem inject	Cut stump and stem injection. Some resprouts may occur in future. Need to check next year.	Stem In-jec-tion	2021-09-29	Yes	Neil	
160 Buckw	2021	Tree Of Heaven				Sapling and pole sized. Mostly off CE	stem injection and cut stump. Neil	Stem In-jec-tion	2021-10-13	Yes	Neil	
325 Grantl	2022	Marsh Dewflower				Murdannia locally very dense in areas of direct sunshine.				No	Neil	
409 Loop Road	2021	Chinese Privet				Around ditch and fences				No	Neil	
438 Martin Dairy	2021	Callery Pear					Carlynn	Cut Stump	2021-09-24	No	Neil	
439 Martin Dairy	2021	Japanese Honey-suckle				ground cover. treat Early March 2022				No	Neil	
440 Martin Dairy	2021	Japanese Honey-suckle				climbing trees				No	Neil	
441 Martin Dairy	2021	Japanese Honey-suckle				dense groundcover				No	Neil	
442 Martin Dairy	2021	Japanese Honey-suckle				in trees				No	Neil	
443 Martin Dairy	2021	Japanese Honey-suckle				climbing trees. treat early March 2022				No	Neil	
444 Martin Dairy	2021	Johnson Grass				Competing with planted trees	Joe and Neil. 3% glyphosate solution	Backp Spray	2021-09-24	No	Neil	
445 Martin Dairy	2021	Multiflora Rose				intertwined with tree. treat early March 2022				Yes	Neil	

Site	Year	InvSpec	InvSpec	InvSpec	Issue_3Desc	Treat_Desc	Treat_Meth	Date	Resol	Lead	Steward
479 Perry Hill	2021	Chinese Privet	Japanese Hon-ey-suckle	Multiflora Rose	scattered populations of all spp. Treated in Nov. 2020. Some resrouting	spot sprayed- 5% solution	Backpack Spray	2021-09-02	No	Neil	
480 Perry Hill	2021	English Ivy							No	Neil	
481 Perry Hill	2021	Marsh Dewflower			Dense Murdannia mixed in with wetland veg	Backpack sprayed murdannia	Backpack Spray	2022-08-30	No	Neil	
482 Perry Hill	2021	Tree Of Heaven			One large. Several seedlings	Neil and Joe	Stem Injection	2021-10-01	Yes	Neil	
483 Perry Hill	2021	Tree Of Heaven			one mature tree	Neil and Joe	Stem Injection	2021-10-01	Yes	Neil	
484 Perry Hill	2021	Tree Of Heaven			One mature tree				No	Neil	
485 Perry Hill	2022	Tree Of Heaven	Johnson Grass	OTHER	OTHER is Lamb's quarter	Cut stump TOH	Cut Stump	2022-08-30	No	Neil	
486 Perry Hill	2022				Murdannia	Backpack spray Murdannia		2022-08-30	No	Neil	
487 Perry Hill	2022				Murdannia	Backpack spray Murdannia		2022-08-10	No	Neil	
527 Sandy Branch	2021				Spraying needed				No	Neil	
528 Sandy Branch	2022	Multiflora Rose							No	Neil	
529 Sandy Branch	2022	UNKNOWN			Cattails				No	Neil	

## Miscellaneous Issues

Site	Year	Subtype	Issue_Desc	Issue_Location	OrFeared	Treat_Desc	Resolved	Lead	Steward
10 Buckwater	2019	Soil Sample	BW-A		na		na	Neil	
65 Grantham Branch	2021	Misc	Deer stand		No		Yes	Neil	
93 Loop Road	2022	Soil Sample	SS3		No		No	Neil	
94 Loop Road	2022	Soil Sample	SS1		No		No	Neil	