

# Stewardship for Lyon Hills

Lead Steward: Emily

2023-11-28

## Boundary Issues

OBJECTID	Year	Issue	Description	Resolved
1149	2023	Mowing	Scallop mowing between posts	No
722	2022		Hay bales rolled through fence. Farmer patched fence. Hay bales still in stream	No
495	2021	Cattle	Cattle stepping into easement around creek crossing	No

## Channel Issues

OBJECTID	Year	Subtype	Issue	Description	Resolved
637	2023	Channel Stability/Erosion	ErosionScour	Erosion and Aggradation	No
986	2023	Channel Stability/Erosion	ErosionScour		No
987	2023	Channel Stability/Erosion	AggradationDeposition		No
1055	2023	Channel Stability/Erosion	ErosionScour	Incising	No
1056	2023	Channel Stability/Erosion	ErosionScour	Left bank	No
1148	2023	Channel Stability/Erosion	ErosionScour	Right bank eroding	No
633	2022	Needs Livestakes			Yes
634	2022	Needs Livestakes			Yes
635	2022	Needs Livestakes		Low wet area draining from field.	Yes
926	2022	Channel Stability/Erosion	AggradationDeposition		No
425	2022	Failed Structure			No
426	2022	Failed Structure		Slumping after Boulder toe	No
562	2022	Failed Structure			No
563	2022	Failed Structure		Piping. Put some small rocks in; made a slight improvement	No
636	2021	Needs Livestakes			Yes
99	2021	Failed Structure	Failed/Not Functional	Failed j-hook	Yes
493	2021	Needs Livestakes		Needs livestockes	No
494	2021	Needs Livestakes		Needs livestockes	No
496	2021	Needs Livestakes		Needs livestockes	No
504	2021	Needs Livestakes		Needs livestockes around structures	No
506	2021	Needs Livestakes		Needs livestockes on meander bend	No
512	2021	Needs Livestakes		Needs livestockes on right bank	No
515	2021	Needs Livestakes		Needs livestockes on left bank (maybe right bank, too)	No
639	2021	Channel Stability/Erosion	ErosionScour		No
62	2021	Failed Structure		Failed log sill. Undercutting. Disconnected from grade? And no splash rock to reduce drop.	No
311	2021	Failed Structure	Failed/Not Functional	Too high	No

Vegetation Issues

OBJECTID	Year	Issue	Description	Treatment	TreatDate	Resolved
1194	2023	Bare Areas, Low Stem Vigor/Height and Density	Need amendments and seed			No
646	2022		Bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No
647	2022	Bare Areas and Low Stem Density		Summer seed mix (millet, clover, humic plus)	05/2022	No
737	2022		Bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No
648	2022		Low stem density/bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No
167	2021	Bare Areas and Low Stem Density		Summer seed mix (millet, clover, humic plus)	05/2022	No
95	2021		Bare Areas	Summer seed mix (millet, clover, humic plus)	05/2022	No
86	2021		Bare Areas	Summer seed mix (millet, clover, humic plus)	05/2022	No
86	2021		Bare Areas	cool season seeding, cord matting	10/2022	No
547	2021		Bare Areas	Summer seed mix (millet, clover, humic plus)	05/2022	No
165	2021	Bare Areas and Low Stem Density	Bare areas and some rilling	Summer seed mix (millet, clover, humic plus)	05/2022	No
85	2021		Bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No

Weed Issues

OBJECTID	Year	Species1	Species2	Issue	Treatment	Method	TreatDate	Resolved
84	2023	Chinese Privet	Oriental Bittersweet		Cut stump BS, privet, HS	Cut Stump	09/2021	No
1129	2023	Japanese Honeysuckle	Oriental Bittersweet	HS BS blackberry				No
1011	2023	Multiflora Rose						No
1738	2023	Oriental Bittersweet		Climbing vine	Cut and treated vine	Cut Stump	08/2023	Yes
1010	2023	Oriental Bittersweet	Japanese Honeysuckle	Climbing vines	Cut and treated vines	Cut Stump	08/2023	No
61	2023	Oriental Bittersweet	Multiflora Rose	Climbing BS and isolated MF				No
845	2022	Kudzu						No
681	2022	Princess Tree						No
682	2022	Princess Tree						No
54	2021	Chinese Privet			Cut stump	Cut Stump	09/2021	Yes
98	2021	Chinese Privet	Oriental Bittersweet					No
103	2021	Chinese Privet	Multiflora Rose	Isolated multiflora occurrence at top of right bank and mature privet on stream bank				No
310	2021	Chinese Privet						No
166	2021	Japanese Honeysuckle	Multiflora Rose					No
97	2021	Multiflora Rose	Oriental Bittersweet	All invasives listed plus honeysuckle. Lots of dense climbing vines at top of reach.	Cut stump	Cut Stump	09/2021	No
96	2021	Multiflora Rose	Oriental Bittersweet		Cut stump	Cut Stump	09/2021	No
1739	2021	Oriental Bittersweet		Climbing vine	Cut and treated vine	Cut Stump	08/2023	Yes
59	2021	Oriental Bittersweet	Chinese Privet		Cut stump	Cut Stump	09/2021	Yes
83	2021	Oriental Bittersweet	Chinese Privet		Cut stump	Cut Stump	09/2021	No
52	2021	Oriental Bittersweet		Climbing BS in a couple locations on right floodplain				No
55	2021	Oriental Bittersweet	Chinese Privet					No
100	2021	Oriental Bittersweet	Chinese Privet	Small invasive cluster along tree line				No
60	2021	Princess Tree	Tree Of Heaven	Young princess trees and mature TOH	Cut stump	Cut Stump	09/2021	Yes
63	2021	Tree Of Heaven	OTHER	Canopy TOH and monoculture of Harlequin Glorybower at top of reach	Cut stump	Cut Stump	09/2021	No
497	2021			In-stream veg	Sprayed		09/2021	Yes
498	2021			In-stream veg with Aggradation				No
499	2021			In-stream veg and Aggradation upstream of culvert				No
500	2021							No
501	2021							No
502	2021			In-stream veg				No
503	2021							No
505	2021							No
511	2021							No
513	2021							No
514	2021							No

Miscellaneous Issues

OBJECTID	Year	Subtype	Description	Resolved
1647	2023	Misc	Small gate	No
1695	2023	Misc	Add post and sign	No
1696	2023	Misc	Add post and sign	No
1697	2023	Misc	Add post and sign	No
1698	2023	Misc	Add post and sign	No
1699	2023	Misc	Add post and sign	No
304	2021	Misc	Mature Hemlock. Approx 15-18" DBH. Needs treatment.	No
309	2021	Misc	Mature Hemlocks need treatment. DBH 12-15"	No