

Stewardship for Lyon Hills

Lead Steward: Emily

2023-02-14

Boundary Issues

Year	Issue	Description	Resolved
2022		Hay bales rolled through fence. Farmer patched fence. Hay bales still in stream	No
2022	Debris	Tree fell on fence	No
2021	Cattle	Cattle stepping into easement around creek crossing	No

Channel Issues

Year	Subtype	Issue	Description	Resolved
2022	Needs Livestakes			Yes
2022	Needs Livestakes			Yes
2022	Needs Livestakes		Low wet area draining from field.	Yes
2022	Channel Stability/Erosion	AggradationDeposition		No
2022	Failed Structure			No
2022	Failed Structure		Slumping after Boulder toe	No
2022	Failed Structure			No
2022	Failed Structure		Piping. Put some small rocks in; made a slight improvement	No
2021	Needs Livestakes			Yes
2021	Needs Livestakes			Yes
2021	Needs Livestakes		Needs livestockes	No
2021	Needs Livestakes		Needs livestockes	No
2021	Needs Livestakes		Needs livestockes	No
2021	Needs Livestakes		Needs livestockes around structures	No
2021	Needs Livestakes		Needs livestockes on meander bend	No
2021	Needs Livestakes		Needs livestockes on right bank	No
2021	Needs Livestakes		Needs livestockes on left bank (maybe right bank, too)	No
2021	Channel Stability/Erosion	ErosionScour	Erosion and Aggradation	No
2021	Channel Stability/Erosion	ErosionScour		No
2021	Failed Structure		Failed log sill. Undercutting. Disconnected from grade? And no splash rock to reduce drop.	No
2021	Failed Structure	Failed/Not Functional	Failed j-hook	No
2021	Failed Structure	Failed/Not Functional	Too high	No

Vegetation Issues

Year	Issue	Description	Treatment	TreatDate	Resolved
2022	Bare Areas and Low Stem Density	Bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No
2022			Summer seed mix (millet, clover, humic plus)	05/2022	No
2022		Bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No
2022		Low stem density/bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No
2021	Bare Areas and Low Stem Density		Summer seed mix (millet, clover, humic plus)	05/2022	No
2021	Bare Areas		Summer seed mix (millet, clover, humic plus)	05/2022	No
2021	Bare Areas	Bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No
2021	Bare Areas	Bare area	cool season seeding, cord matting	10/2022	No
2021	Bare Areas		Summer seed mix (millet, clover, humic plus)	05/2022	No
2021	Bare Areas and Low Stem Density	Bare areas and some rilling	Summer seed mix (millet, clover, humic plus)	05/2022	No
2021	Bare Areas	Bare area	Summer seed mix (millet, clover, humic plus)	05/2022	No

Weed Issues

Year	Species1	Species2	Issue	Treatment	Method	TreatDate	Resolved
2022	Kudzu						No
2022	Princess Tree						No
2022	Princess Tree						No
2021	Chinese Privet			Cut stump	Cut Stump	09/2021	Yes
2021	Chinese Privet	Oriental Bittersweet		Cut stump BS, privet, HS	Cut Stump	09/2021	No
2021	Chinese Privet	Oriental Bittersweet					No
2021	Chinese Privet						No
2021	Chinese Privet	Multiflora Rose	Isolated multiflora occurrence at top of right bank and mature privet on stream bank				No
2021	Chinese Privet						No
2021	Japanese Honeysuckle	Multiflora Rose					No
2021	Japanese Honeysuckle	Oriental Bittersweet					No
2021	Multiflora Rose	Oriental Bittersweet		Cut stump	Cut Stump	09/2021	Yes
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
2021	Oriental Bittersweet		Huge BS vine	Cut stump	Cut Stump	09/2021	Yes
2021	Oriental Bittersweet	Multiflora Rose	Climbing BS and isolated MF	Cut stump	Cut Stump	09/2021	Yes
2021	Oriental Bittersweet		Large climbing BS	Cut stump vines	Cut Stump	09/2021	Yes
2021	Oriental Bittersweet	Chinese Privet		Cut stump	Cut Stump	09/2021	Yes
2021	Oriental Bittersweet	Chinese Privet		Cut stump	Cut Stump	09/2021	No
2021	Oriental Bittersweet		Climbing BS in a couple locations on right floodplain				No
2021	Oriental Bittersweet	Chinese Privet					No
2021	Oriental Bittersweet	Multiflora Rose	Climbing BS and isolated MF				No
2021	Oriental Bittersweet	Chinese Privet	Small invasive cluster along tree line				No
2021	Oriental Bittersweet		Climbing vine				No
2021	Oriental Bittersweet						No
2021	Oriental Bittersweet		6" diameter climbing vine				No
2021	Princess Tree	Tree Of Heaven	Young princess trees and mature TOH	Cut stump	Cut Stump	09/2021	Yes
2021	Princess Tree						No
2021	Tree Of Heaven	OTHER	Canopy TOH and monoculture of Harlequin Glorybower at top of reach	Cut stump	Cut Stump	09/2021	No
2021			In-stream veg	Sprayed		09/2021	Yes
2021			In-stream veg with Aggradation				No
2021			In-stream veg and Aggradation upstream of culvert				No
2021							No
2021							No
2021			In-stream veg				No
2021							No
2021							No
2021							No

Miscellaneous Issues

Year	Subtype	Description	Resolved
2022	Misc	Two bales of straw in CE. In-stream	No
2021	Misc	Hunting tree stands	No
2021	Misc	Mature Hemlock. Approx 15-18" DBH. Needs treatment.	No
2021	Beaver Dam		No
2021	Misc	Mature Hemlocks need treatment. DBH 12-15"	No