

Stewardship for Lone Hickory

Lead Steward: Dominic

2022-09-07

Boundary Issues

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Channel Issues

Year	Subtype	Issue	Issue_Desc	Treated	Treatment
2022	Failed Structure	Piping	Piping under riprap. Repair did not fix log sill piping.	Partial	
2022	Needs Livestakes			No	
2021	Failed Structure	Piping	Piping around left side of log	No	No treatment made. Water flowing over sill now.

Vegetation Issues

Year	Issue	Issue_Desc	Pct_Cover	Treated	Treatment
2022	Bare Areas & Low Stem Density	Gullies and bare areas		No	
2022	Bare Areas, Low Stem Vigor/Height & Density			No	
2021	Bare Areas, Low Stem Vigor/Height & Density			Yes	Smoothed rilling, temp seeded, spread biochar, tackifier, water, matting/straw. Installed bare roots around BMP with most going in on repair side.
2021	Bare Areas, Low Stem Vigor/Height & Density	Bare area along floodplain	26-50%	No	
2021	Bare Areas, Low Stem Vigor/Height & Density	Bare area along floodplain	26-50%	No	

Year	Issue	Issue_Desc	Pct_Cover	Treated	Treatment
2021	Bare Areas & Low Stem Vigor/Height	Bare area along floodplain	6-25%	No	
2021	Bare Areas & Low Stem Density			No	

Weed Issues

Year	Species1	Species2	Issue	Treatment	Method	TreatDate
2022	Chinese Privet	Japanese Honeysuckle				
2022	Chinese Privet	Japanese Honeysuckle				
2022	Kudzu					
2022	Kudzu					
2022	OTHER		Cattails			
2022	OTHER		Cattails			
2022	OTHER		Cattails			
2022	OTHER		Cattails			
2022	Tree Of Heaven					
2022						
2021	Kudzu	Japanese Honeysuckle	Small runners on artificial slopes, patches of HS and MF			
2021	Kudzu		Kudzu runners			
2021	Kudzu	Marsh Dewflower				
2021	Kudzu					
2021	Marsh Dewflower	OTHER	Cattails and murdannia in-stream	Channel sprayed	Backpack Spray	08/2021
2021	OTHER	Kudzu	In-stream veg and kudzu along streambank			
2021	Tree Of Heaven	Princess Tree	Within wooded area			
2020	Kudzu		Climbing vines and groundcover, including off-site	Kudzu treated	Backpack Spray	
2020	Marsh Dewflower		Murdannia in-stream and on streambank			
2020						
2019	Kudzu		Small kudzu on streambank			

Miscellaneous Issues

Year	Subtype	Issue_Desc	Treated	Treatment
2022	Beaver Dam		Partial	Raked by staff

Year	Subtype	Issue_Desc	Treated Treatment
2021	Misc	WLC to add matting? At least anchor straw bales in places as check dams and area needs to be re-worked.	No
2021	Misc	Farm road needs work. Gullies carry sediment towards BMP. Additional rock?	No
2021	Misc	WLC to install matting below last rock berm.	No