

# Stewardship for Cool Springs

Lead Steward: Hanna

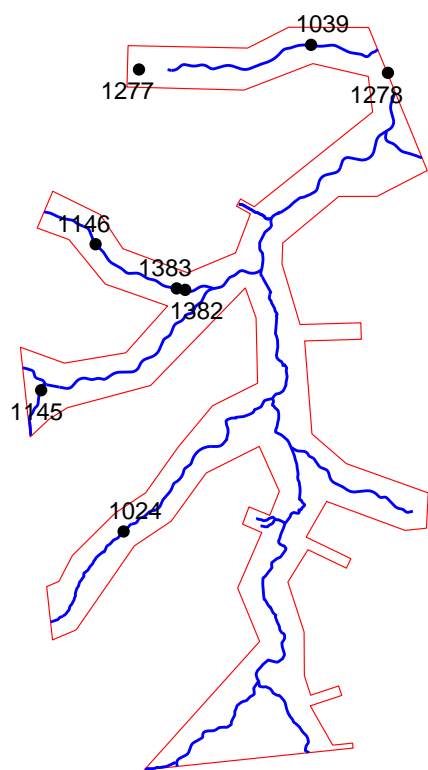
2023-12-18

## Boundary Issues

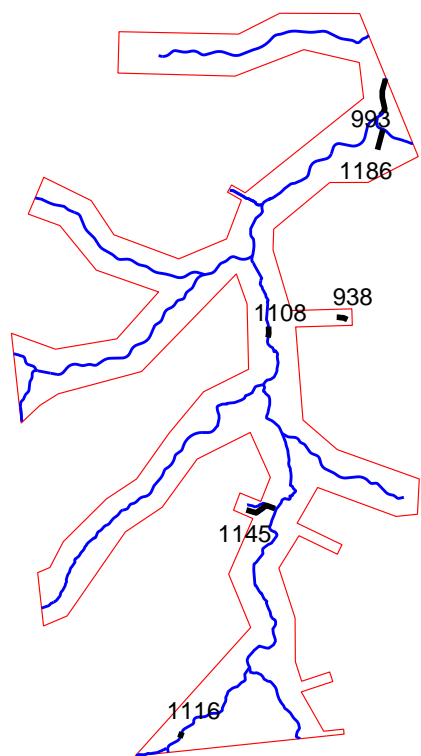
## Channel Issues

OBJECTID	Year	Subtype	Issue	Description	Treatment	TreatDate	Resolved
1186	2023	Needs Livestakes			8 live stakes planted	11/2023	No
993	2023	Channel Stability/Erosion	Other	Watch for erosion, stake down matting			No
1108	2023	Needs Livestakes		Needs 6 long live stakes			No
1116	2023	Channel Stability/Erosion	ErosionScour	Needs a few live stakes			No
1145	2023	Needs Livestakes		Needs 15 livestakes in muke trx area			No
1277	2023	Failed Structure	Headcut	Head cut in wetland area, needs live stakes	7 live stakes planted	11/2023	No
1145	2023	Failed Structure	Erosion/Scoured		3-4 black willow live stakes	06/2023	No
1024	2023	Failed Structure	Erosion/Scoured	Holy brush toe needs long live stakes			No
1039	2023	Failed Structure	Erosion/Scoured	Watch scouring under brush toe			No
1146	2023	Failed Structure		Still doing this as of 7.5.23 * Water going under or around log sill? Mini pool has formed directly above log sill and lots of veg is growing on it			No
1278	2023	Failed Structure	Erosion/Scoured	Tree on bank partially fallen, scouring			No
1383	2023	Failed Structure	Piping	piping log sill			No
938	2022	Channel Stability/Erosion	ErosionScour	ditch eroding into grass swail			No
1382	2022	Failed Structure		Keep an eye on log structure			No

Channel Issues (points)



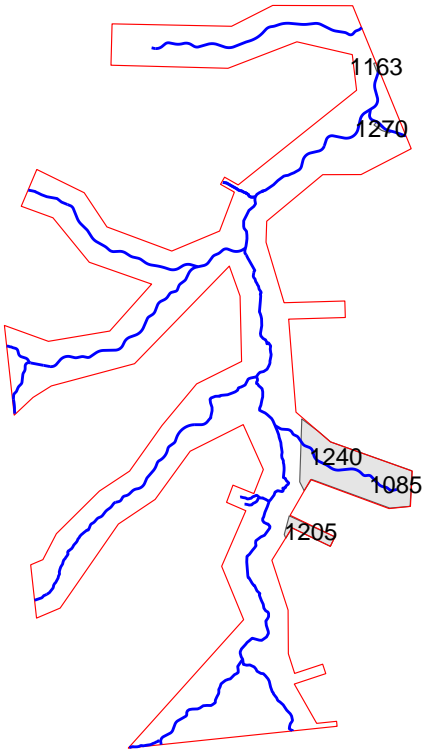
Channel Issues (lines)



Vegetation Issues

OBJECTID	Year	Issue	Description	Treatment	TreatDate	Resolved
1163	2023	Bare Areas	Broadcast seed	Seed mix broadcast on bare ground	06/2023	No
1163	2023	Bare Areas	Broadcast seed	Winter cover crop + carbon pro g	10/2023	No
1205	2023	Low Stem Density	Rings sprays in polygonum	Ring sprays in polygonum, 3 pct glyphosate	07/2023	No
1270	2023	Bare Areas	Low growth and rocky	Winter cover crop + carbon pro g	10/2023	No
1085	2023	Bare Areas	Bare, eroding. Needs cover crop			No
1240	2023		Needs ring sprays in polygonum and Bermuda grass			No

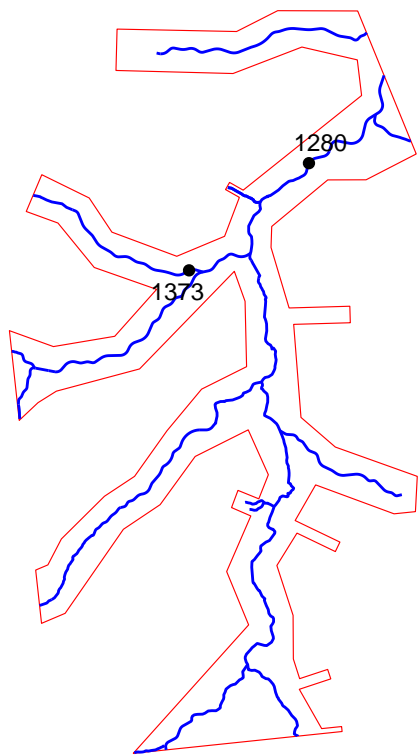
Vegetation Issues (polygons)



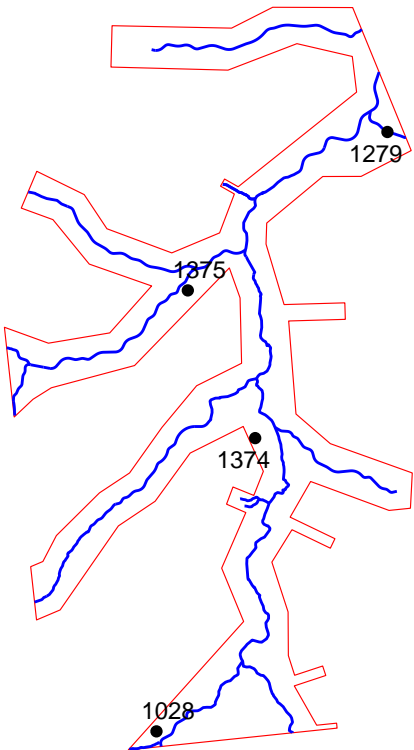
Weed Issues

OBJECTID	Year	Species1	Issue	Treatment	Method	TreatDate	Resol
1373	2023	Cattail	Cut stump	Cut stump	Cut Stump	06/2023	No
1280	2023	Cattail	Foliar spray				No
1279	2023	Chinese Privet	Saw sized, cut stump	Hack and squirt/cut stump	Hack and Squirt	09/2023	No
1028	2023	Chinese Privet	Hand pull/cut stump	Cut stump mature privet	Cut Stump	06/2023	No
1375	2023	Chinese Privet	Chainsaw/hack n squirt	Hack and squirt	Hack and Squirt	09/2023	No
1374	2023	Chinese Privet	One chainsaw sized, several Cut stump,lopper sized	Small stems cut stump, large hack and squirt	Cut Stump	11/2023	No
1127	2023	Japanese Honeysuckle	Foliar spray				No
1026	2023	Japanese Honeysuckle	Foliar spray				No
1027	2023	Japanese Honeysuckle	Foliar				No
1336	2023	Marsh Dewflower	Murdannia -foliar spray and livestake	3 pct foliar solution	Backpack Spray	08/2023	No
1336	2023	Marsh Dewflower	Murdannia -foliar spray and livestake	10lb/A virginia wildrye, wetland mix, and compost broadcast		10/2023	No
1336	2023	Marsh Dewflower	Murdannia -foliar spray and livestake	Cover crop Virginia wildrye, some winter cover crop		10/2023	No
1203	2023	Marsh Dewflower	Foliar spray	Foliar 3 pct	Backpack Spray	07/2023	No
1203	2023	Marsh Dewflower	Foliar spray	3 pct foliar solution retreatment	Backpack Spray	08/2023	No
1203	2023	Marsh Dewflower	Foliar spray	10lb/A virginia wildrye, wetland mix, and compost broadcast		10/2023	No
1203	2023	Marsh Dewflower	Foliar spray	Cover crop Virginia wildrye, some winter cover crop		10/2023	No
1192	2023	Marsh Dewflower	foliar spray	Foliar 3 pct	Backpack Spray	07/2023	No
1192	2023	Marsh Dewflower	foliar spray	3 pct foliar solution retreatment	Backpack Spray	08/2023	No
1192	2023	Marsh Dewflower	foliar spray	10lb/A virginia wildrye, wetland mix, and compost broadcast		10/2023	No
1192	2023	Marsh Dewflower	foliar spray	Cover crop Virginia wildrye, some winter cover crop		10/2023	No
1204	2023	Marsh Dewflower	Foliar spray	Foliar 3 pct	Backpack Spray	07/2023	No
1204	2023	Marsh Dewflower	Foliar spray	10lb/A virginia wildrye, wetland mix, and compost broadcast		10/2023	No
1204	2023	Marsh Dewflower	Foliar spray	Cover crop Virginia wildrye, some winter cover crop		10/2023	No
1190	2023	Marsh Dewflower	foliar spray, add live stakes	Foliar 3 pct	Backpack Spray	07/2023	No
1190	2023	Marsh Dewflower	foliar spray, add live stakes	Foliar 3 pct solution retreatment	Backpack Spray	08/2023	No
1190	2023	Marsh Dewflower	foliar spray, add live stakes	10lb/A virginia wildrye, wetland mix, and compost broadcast		10/2023	No
1193	2023	Marsh Dewflower	foliar spray	Foliar 3 pct	Backpack Spray	07/2023	No
1202	2023	Marsh Dewflower	Foliar spray	Foliar 3 pct	Backpack Spray	07/2023	No
1202	2023	Marsh Dewflower	Foliar spray	3 pct foliar solution retreatment	Backpack Spray	08/2023	No
1202	2023	Marsh Dewflower	Foliar spray	10lb/A virginia wildrye, wetland mix, and compost broadcast		10/2023	No
1202	2023	Marsh Dewflower	Foliar spray	Cover crop Virginia wildrye, some winter cover crop		10/2023	No
1191	2023	Marsh Dewflower	foliar spray	Foliar 3 pct	Backpack Spray	07/2023	No
1188	2023	OTHER	Thistle	Foliar	Backpack Spray	04/2023	No
1188	2023	OTHER	Thistle	Thistledown folair spray	Backpack Spray	10/2023	No
1049	2023	OTHER	Thistles along BMP				No
1351	2023		Thistle	Thistledown foliar spray	Backpack Spray	10/2023	No
1377	2023		Small thistle population	Thistledown foliar spray	Backpack Spray	10/2023	No
1361	2023		Bermuda grass inhibiting tree growth				No
1362	2023		Bermuda grass				No
1363	2023		Bermuda grass				No
1397	2023		Thistle				No

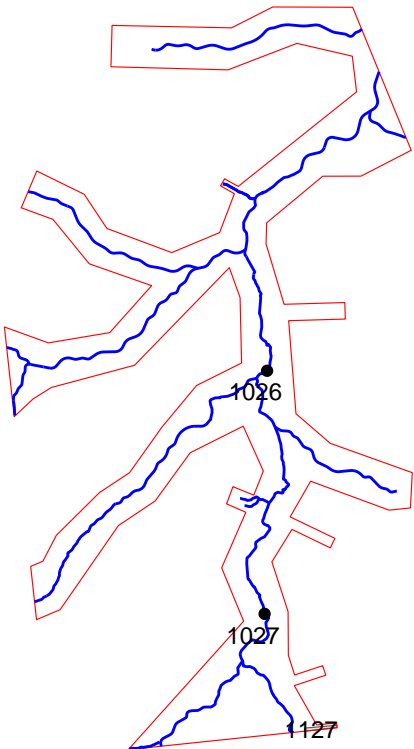
Weed Issues – Cattail



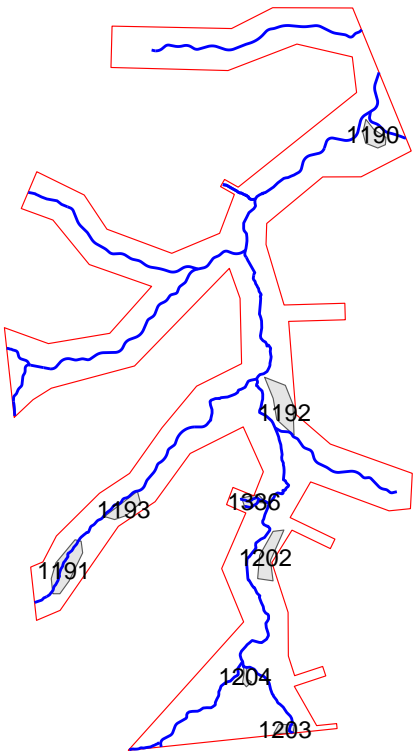
Weed Issues – Chinese Privet



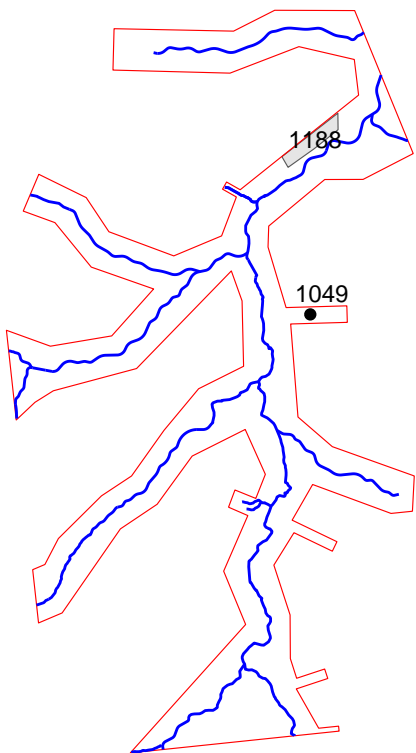
Weed Issues – Japanese Honeysuckle



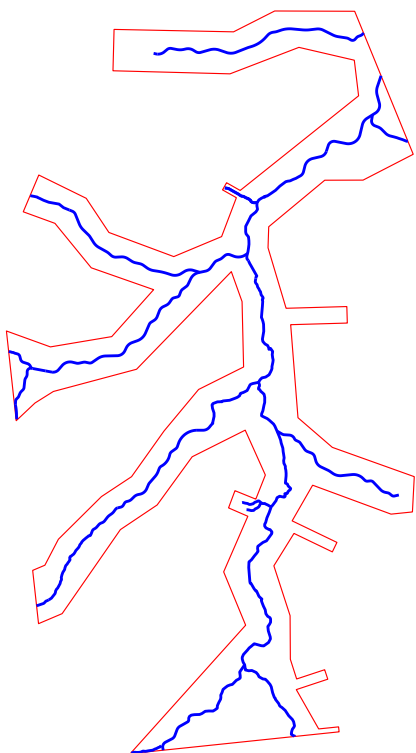
Weed Issues – Marsh Dewflower



Weed Issues – OTHER



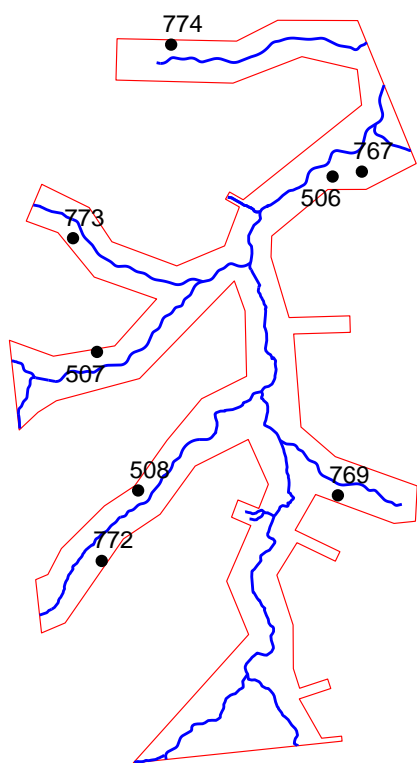
Weed Issues – NA



Miscellaneous Issues

OBJECTID	Year	Subtype	Description	Treatment	TreatDate	Resolved
1550	2023	Misc	Tree limbs on fence			Yes
1123	2023	Misc	Burned in early April	Ring sprays in bermuda grass areas, seeding in bare soil	05/2023	No
1303	2023	Misc	Chicken litter dumped into CE	Seed broadcast over manure pile	09/2023	No
1125	2023	Misc	Burned in early April	Ring sprays in bermuda grass areas 5 pct glyphosate, seeding in bare soil	05/2023	No
1106	2023	Misc	Burned in early April	Ring sprays in bermuda grass areas 5 pct glyphosate, seeding in bare soil	05/2023	No
1124	2023	Misc	Burned in early April			No
1007	2023	Misc	Watch sedimentation at top of T4			No
1062	2023	Misc	Chainsaw fallen tree out of channel			No
1685	2023	Misc	Log sill for workshop			No
1686	2023	Misc	Rock sill/brush toe for workshop			No
1687	2023	Misc	Rock sill for workshop			No
1688	2023	Misc	Rock pile			No
1689	2023	Misc	Coir matting roll!			No
1741	2023	Misc	Rock pile			No
903	2022	Misc	Pile of rocks			Yes
506	2022	Soil Sample	SS1			
507	2022	Soil Sample	SS3			
508	2022	Soil Sample	SS2			
767	2022	Soil Sample	CS7			
769	2022	Soil Sample	CS2			
772	2022	Soil Sample	CS3			
773	2022	Soil Sample	CS6			
774	2022	Soil Sample	CS8; very rocky so samples shallow			

Miscellaneous – Soil Samples



Miscellaneous Issues

