

# Stewardship for Daniels Creek

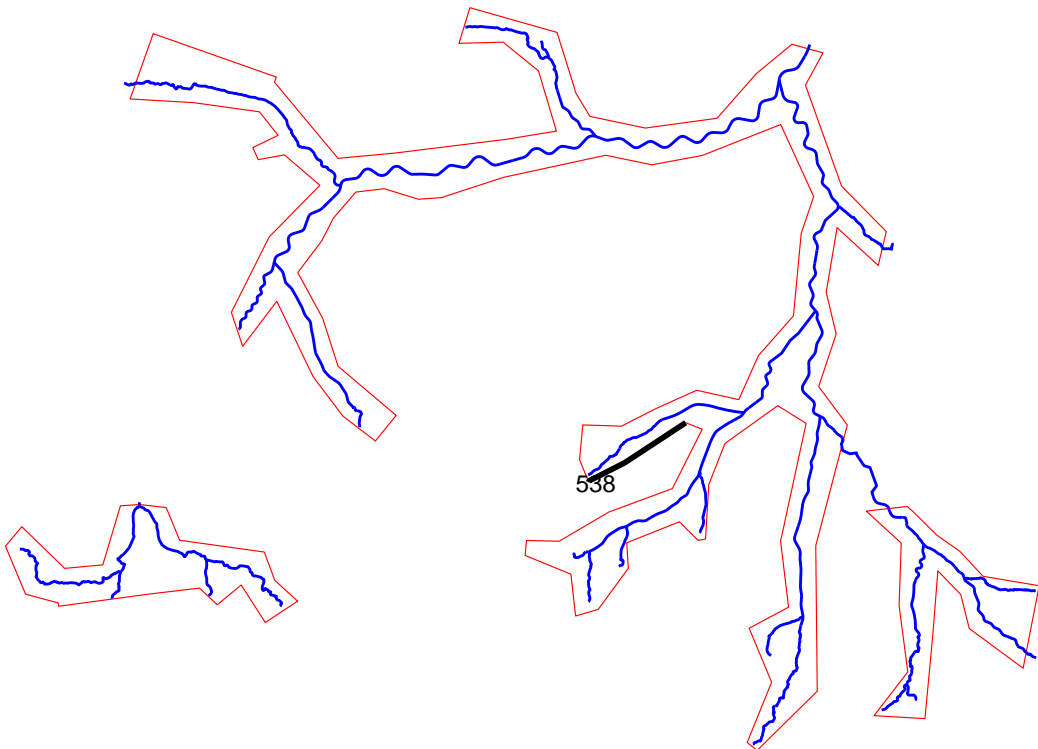
Lead Steward: Andrea/Hanna

2023-12-27

## Boundary Issues

OBJECTID	Year	Issue	Description	Resolved
538	2021	Herbicide	Herbicide overspray	No

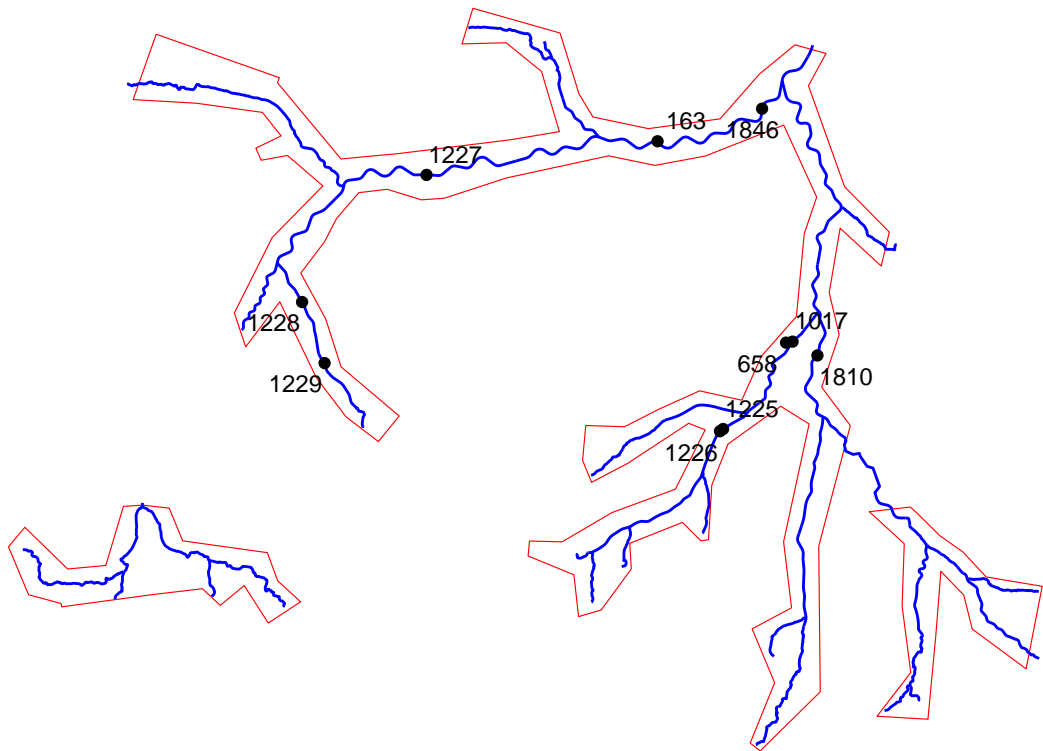
### Boundary Issues (lines)



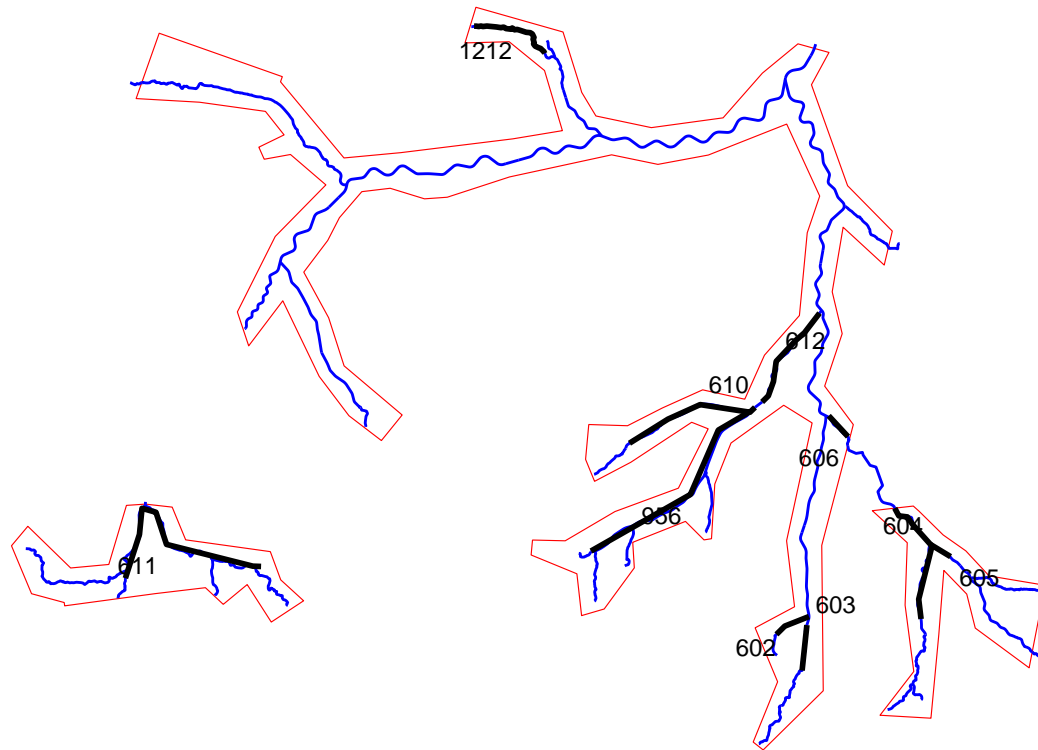
Channel Issues

OBJECTID	Year	Subtype	Issue	Description	Treatment	TreatDate	Resolved
948	2023	Channel Stability/Erosion	ErosionScour	Needs livestakes around sills	Installed livestakes above and below sills with existing or anticipated erosion	01/2023	Yes
956	2023	Needs Livestakes		fortify sills and banks	added livestakes and fortified sills	02/2023	No
947	2023	Channel Stability/Erosion	ErosionScour	Needs livestakes, plugs	Installed livestakes, plugs and moved rock to stabilize banks	01/2023	No
602	2023	Needs Livestakes		No stakes			No
1060	2023	Channel Stability/Erosion	ErosionScour				No
1185	2023	Channel Stability/Erosion					No
1212	2023	Needs Livestakes		Add black willow live stakes			No
1225	2023	Channel Stability/Erosion	Other	3 head cuts dropping from mucky headwaters to wide flat channel			No
1226	2023	Channel Stability/Erosion	AggradationDeposition	is this area so different from as built?? stream channel flagged			No
1017	2023	Failed Structure	Piping	Notch log sill to direct flow away from side			No
1225	2023	Failed Structure	Erosion/Scoured				No
1226	2023	Failed Structure	Erosion/Scoured				No
1227	2023	Failed Structure	Other	Stream bed eroding out under structure			No
1228	2023	Failed Structure	Erosion/Scoured	Structure not keyed in far enough			No
1229	2023	Failed Structure	Erosion/Scoured				No
1810	2023	Failed Structure					No
1846	2023	Failed Structure	Failed/Not Functional	Log sill failed since as-built, cut out at some point			No
658	2022	Failed Structure			Added plugs	09/2022	No
610	2021	Needs Livestakes		Needs livestakes. Almost none present.	added stakes	03/2022	Yes
603	2021	Needs Livestakes		No stakes			Yes
604	2021	Needs Livestakes		Fill in the gaps			Yes
612	2021	Needs Livestakes		Needs livestakes. Fill in gaps.			Yes
605	2021	Needs Livestakes			Live staking below culvert at crossing	01/2023	No
611	2021	Needs Livestakes		Needs livestakes on outside bends	added stakes T9 bottom to willow emergent area	03/2023	No
537	2021	Channel Stability/Erosion	ErosionScour	Soil lift failed in MY0			No
591	2021	Channel Stability/Erosion	ErosionScour	Banks scoured under and riffle material is gone			No
606	2021	Needs Livestakes		No stakes			No
163	2021	Failed Structure	Erosion/Scoured	Fix filter fabric- too long over log	Cut back fabric	09/2022	No

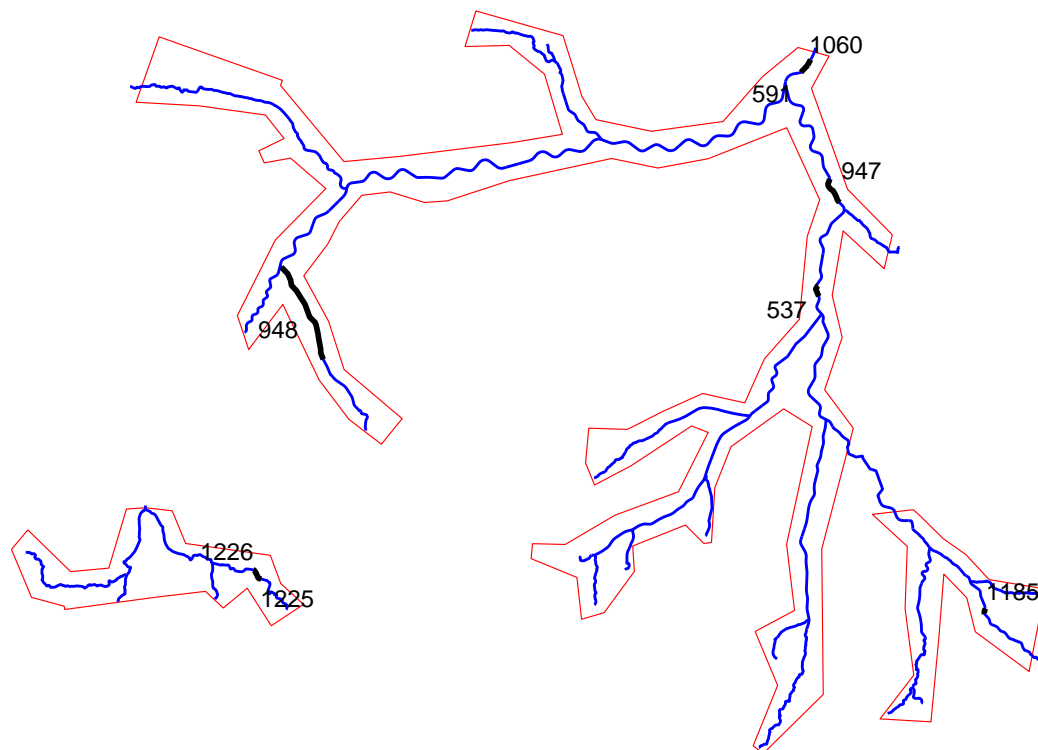
Channel Issues (Failed Structures)



### Channel Issues (Needs Livestakes)



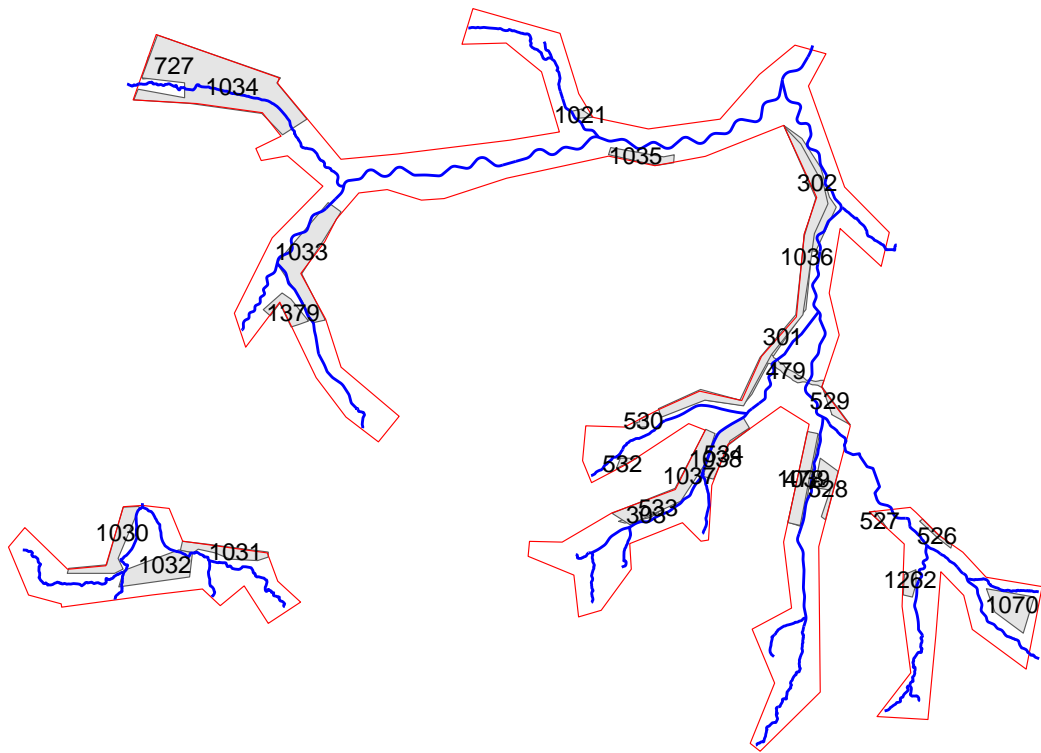
### Channel Issues (Channel Stability/Erosion)



Vegetation Issues

OBJECTID	Year	Issue	Description	Treatment	TreatDate	Resolved
1033	2023	Low Stem Vigor/Height and Density	Replant 100 stems	added 100 bareroots	02/2023	Yes
1038	2023	Low Stem Vigor/Height and Density	Replant at 400 s/ac	replanted bareroot trees	02/2023	Yes
1030	2023	Low Stem Vigor/Height and Density	Replant 400 s/ac	cut dogfennel around planting areas	01/2023	No
1030	2023	Low Stem Vigor/Height and Density	Replant 400 s/ac	replant. missed around veg plot, but AT and HP added more a few weeks later	02/2023	No
1034	2023	Low Stem Vigor/Height and Density	Replant at 500 s/ac	cut dogfennel around planting areas	01/2023	No
1034	2023	Low Stem Vigor/Height and Density	Replant at 500 s/ac	replant	02/2023	No
1031	2023	Low Stem Vigor/Height and Density	Replant at 400 s/ac			No
1032	2023	Low Stem Vigor/Height and Density	Replant at 500 s/ac			No
1035	2023	Low Stem Vigor/Height	Replant at 200 s/ac			No
1036	2023	Low Stem Vigor/Height and Density	Replant at 500 s/ac			No
1037	2023	Low Stem Vigor/Height and Density	Replant at 500 s/ac			No
1039	2023	Low Stem Vigor/Height and Density	Replant at 500 s/ac			No
1070	2023	Low Stem Vigor/Height and Density	needs boosters			No
1262	2023	Low Stem Density	Rough drawing of area, hard to assess with fennel			No
1379	2023	Low Stem Vigor/Height and Density	Replant, include black cherry			No
727	2022	Low Stem Vigor/Height and Density	Needs ring sprays. Coastal bermudagrass outcompeting native veg. Trees present, but supplemental planting likely	ring sprays	05/2022	No
1021	2022	Low Stem Density	Live stakes			No
301	2021	Low Stem Density	Low stem density in haul road. Soil VERY compacted.	replanted in bermudagrass areas	02/2023	Yes
302	2021	Low Stem Density	Throughout floodplain, but better towards creek	Replanted bermudagrass areas	02/2023	Yes
478	2021	Low Stem Density	No trees! Needs Bermuda grass treatment and live stakes.	replanted trees in bermudagrass area	02/2023	No
303	2021	Bare Areas and Low Stem Density	Not filling in very well. Growth stunted.			No
479	2021	Bare Areas and Low Stem Density	Haul road? Basically no trees. Veg is bermudagrass. Bare areas are very small and not troublesome in scale.			No
526	2021	Low Stem Density	Coastal bermuda outcompeting trees. No trees needed in powerline			No
527	2021	Low Stem Density	Coastal bermuda outcompeting trees			No
528	2021	Bare Areas and Low Stem Density	Coastal bermuda outcompeting trees, but no replanting needed. Ring sprays with boosters may be best. Watch out for hole near fence and bare patch!			No
529	2021		Coastal bermuda outcompeting trees. Density isn't too bad, but boosters definitely needed.			No
530	2021		Bermudagrass outcompeting trees. Needs replanting.			No
532	2021		Bermudagrass outcompeting trees. Needs replanting.			No
533	2021	Bare Areas, Low Stem Vigor/Height and Density	Sparse vegetation. Very few trees. Rocky soils.			No
534	2021		Bermudagrass outcompeting trees. Needs replanting.			No

Vegetation Issues (polygons)

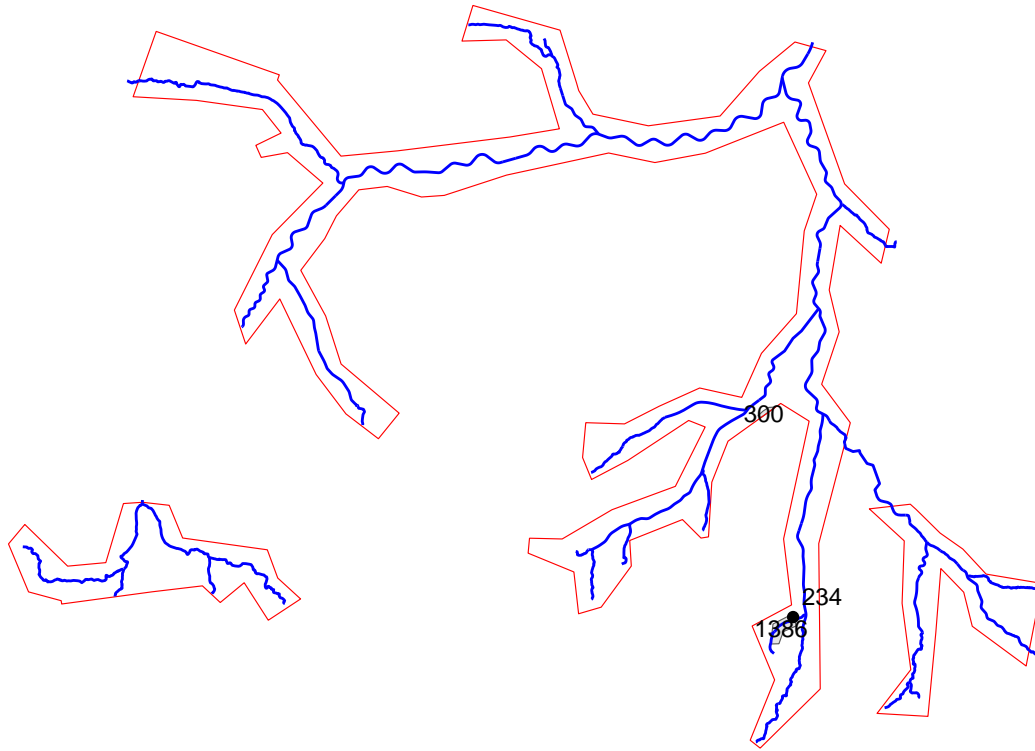




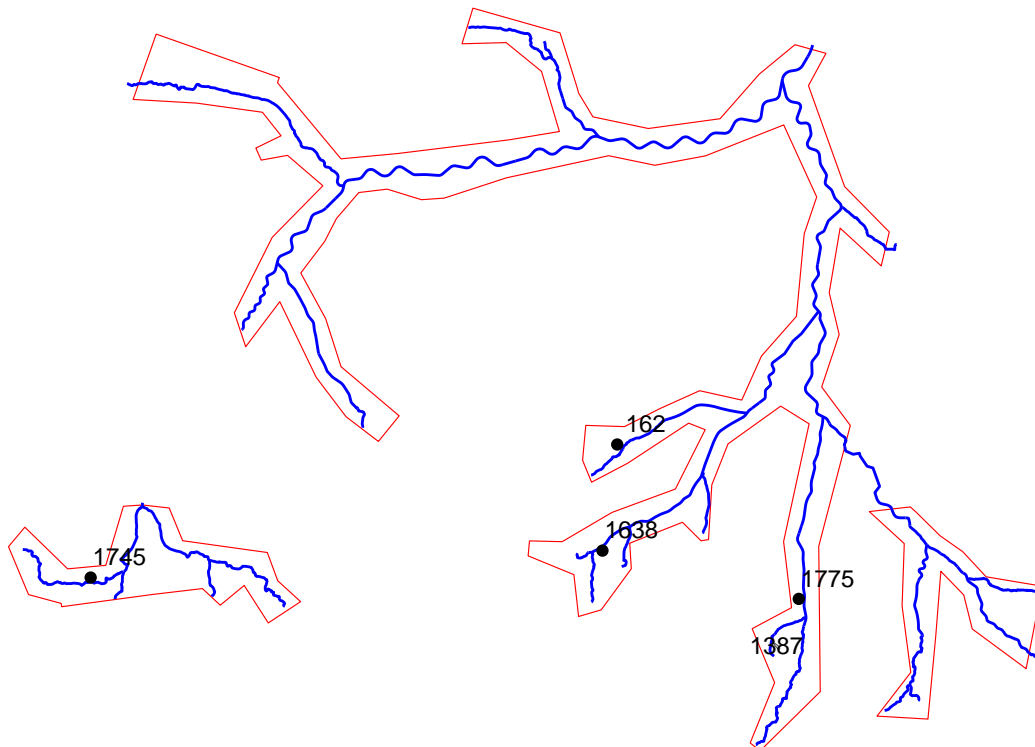
Weed Issues

OBJECTID	Year	Species1	Species2	Issue	Treatment	Method	TreatDate	Resolved
1386	2023	Blackberry		blackberry suppressing tree growth	3 pct foliar spray on blackberry at/below waist height	Backpack Spray	11/2023	No
1387	2023	Callery Pear		Hand saw/lopper sized, 10 stems	Cut stump/3 pct foliar spray on small stems	Cut Stump	11/2023	No
1638	2023	Callery Pear		Cut stump				No
1745	2023	Callery Pear		Looper sized				No
1775	2023	Callery Pear		Hand saw				No
1392	2023	Cattail						No
1457	2023	Cattail		Cattails				No
1759	2023	Chinaberry		Daniel's Creek				No
1069	2023	Chinese Privet	Japanese Honeysuckle	a few stems cut stump	Cutstump	Cut Stump	11/2023	No
1756	2023	Chinese Privet		Cut stump medium/large privet. Best access from in channel				No
1845	2023	Chinese Privet		Several hand saw sized stems				No
1385	2023	Japanese Honeysuckle		Honeysuckle, mostly on the ground	2.5 pct solution foliar	Backpack Spray	11/2023	No
1065	2023	OTHER		needs ring sprays bermudagrass and vaseygrass	ring sprays	Backpack Spray	06/2023	No
1066	2023	OTHER		needs ring sprays and tree boosters				No
1067	2023	OTHER		needs ringsprays				No
1068	2023	OTHER		ring spray tearthumb				No
1182	2023	OTHER		Bermudagrass				No
1097	2023				sprayed portions of T9 with channel definition	Backpack Spray	07/2023	Yes
1085	2023				foliar 3 pct	Backpack Spray	07/2023	No
661	2022	Cattail		Cattail				Yes
860	2022	Marsh Dewflower			foliar removal 5 pct solution	Backpack Spray	04/2022	No
860	2022	Marsh Dewflower			foliar 5 pct solution	Backpack Spray	05/2022	No
860	2022	Marsh Dewflower			Cover cropping (62 lb oats, 31 lb rye)		11/2022	No
860	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	07/2023	No
860	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	08/2023	No
860	2022	Marsh Dewflower			12 lb/A virginia wildrye, wetland mix broadcast		10/2023	No
858	2022	Marsh Dewflower			foliar 4.5 pct solution	Backpack Spray	06/2022	No
858	2022	Marsh Dewflower			foliar 4.5 pct solution	Backpack Spray	07/2022	No
858	2022	Marsh Dewflower			Cover cropping (5 lb native, 66 lb rye)		11/2022	No
858	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	07/2023	No
858	2022	Marsh Dewflower			foliar 3 pct	Backpack Spray	08/2023	No
858	2022	Marsh Dewflower			Foliar 3 pct solution - touchups	Backpack Spray	09/2023	No
858	2022	Marsh Dewflower			12 lb/A virginia wildrye, wetland mix broadcast		10/2023	No
861	2022	Marsh Dewflower			foliar 5 pct solution	Backpack Spray	04/2022	No
861	2022	Marsh Dewflower			foliar 5 pct solution	Backpack Spray	05/2022	No
861	2022	Marsh Dewflower			foliar 3 pct murdannia	Backpack Spray	07/2023	No
861	2022	Marsh Dewflower			foliar 3 pct	Backpack Spray	07/2023	No
861	2022	Marsh Dewflower			12 lb/A virginia wildrye, wetland mix broadcast		10/2023	No
864	2022	Marsh Dewflower			foliar removal 2.5 pct solution	Backpack Spray	06/2022	No
864	2022	Marsh Dewflower			Cover cropping (75 lbs oats, 25 lbs rye)		11/2022	No
864	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	07/2023	No
864	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	08/2023	No
864	2022	Marsh Dewflower			12 lb/A virginia wildrye, wetland mix broadcast		10/2023	No
862	2022	Marsh Dewflower			Cover cropping (25 lb rye)		11/2022	No
862	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	07/2023	No
862	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	08/2023	No
862	2022	Marsh Dewflower			Foliar 3 pct solution - touchups	Backpack Spray	09/2023	No
862	2022	Marsh Dewflower			12 lb/A virginia wildrye, wetland mix broadcast		10/2023	No
859	2022	Marsh Dewflower			foliar 5 pct	Backpack Spray	06/2022	No
859	2022	Marsh Dewflower			foliar 2.5 pct solution	Backpack Spray	06/2022	No
859	2022	Marsh Dewflower			foliar 4.5 pct solution	Backpack Spray	07/2022	No
859	2022	Marsh Dewflower			Cover cropping (5 lb native, 66 lb rye)		11/2022	No
859	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	07/2023	No
859	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	08/2023	No
859	2022	Marsh Dewflower			Foliar 3 pct solution - touchups	Backpack Spray	09/2023	No
859	2022	Marsh Dewflower			12 lb/A virginia wildrye, wetland mix broadcast		10/2023	No
863	2022	Marsh Dewflower			foliar 4.5 pct solution	Backpack Spray	06/2022	No
863	2022	Marsh Dewflower			retreatment- 2.5 pct solution	Backpack Spray	06/2022	No
863	2022	Marsh Dewflower			Cover cropping (12 lb Elymus, 25 lb oats)		11/2022	No
863	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	07/2023	No
863	2022	Marsh Dewflower			Foliar 3 pct solution	Backpack Spray	08/2023	No
863	2022	Marsh Dewflower			Foliar 3 pct solution - touchups	Backpack Spray	09/2023	No
863	2022	Marsh Dewflower			12 lb/A virginia wildrye, wetland mix broadcast		10/2023	No
1020	2022	OTHER		Rake out				No
797	2022				Foliar		06/2022	Yes
791	2022				Treated with glyphosate		05/2022	Yes
791	2022					Backpack Spray	08/2023	Yes
794	2022				foliar	Backpack Spray	08/2023	No
793	2022				Foliar		05/2022	No
793	2022				Foliar 3 pct solution	Backpack Spray	07/2023	No
796	2022				Foliar 3 pct solution	Backpack Spray	07/2023	No
787	2022				foliar	Backpack Spray	07/2023	No
795	2022				foliar	Backpack Spray	07/2023	No
799	2022						07/2022	No
788	2022				foliar	Backpack Spray	08/2023	No
798	2022				Murdannia removal		06/2022	No
790	2022					Backpack Spray	08/2023	No
789	2022				In-stream veg removal with glyphosate		05/2022	No
789	2022				foliar	Backpack Spray	08/2023	No
300	2021	Blackberry						No
234	2021	Blackberry		Thick patch. Chop then spray				No
162	2021	Callery Pear		1 stem- lop size 6				No
233	2021	Cattail		Cattail				No
236	2021	Cattail		Cattail				No
289	2021	Chinese Privet	Japanese Honeysuckle		In-stream veg and Murdannia removal		06/2022	No
289	2021	Chinese Privet	Japanese Honeysuckle		foliar 3 pct	Backpack Spray	07/2023	No

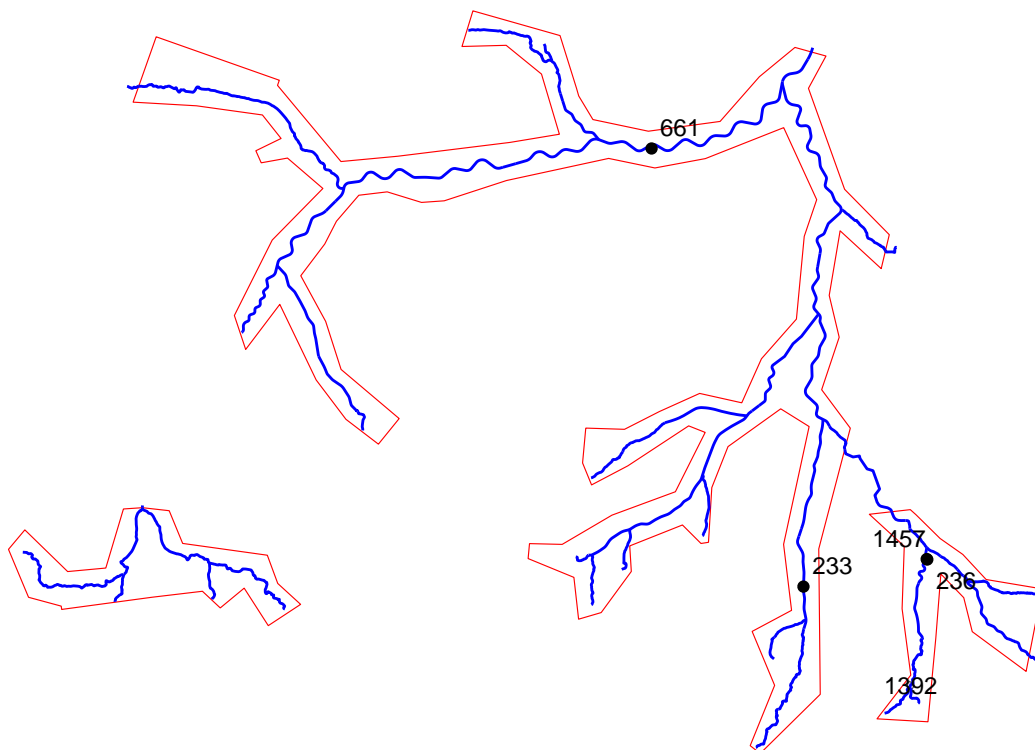
### Weed Issues – Blackberry



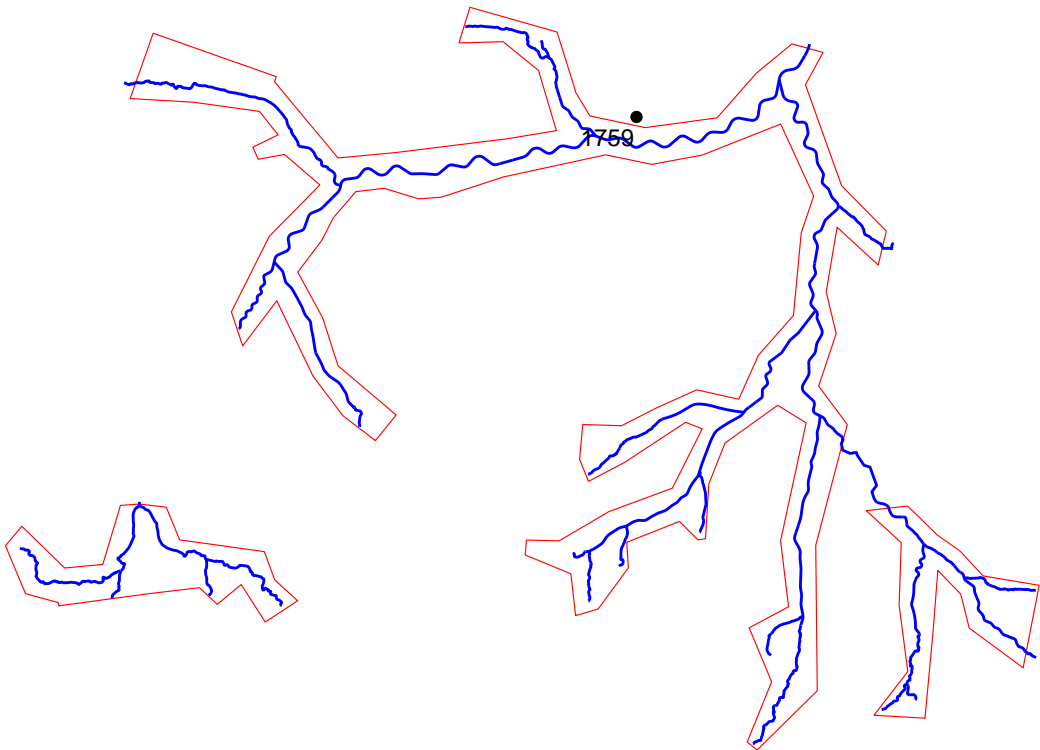
### Weed Issues – Callery Pear



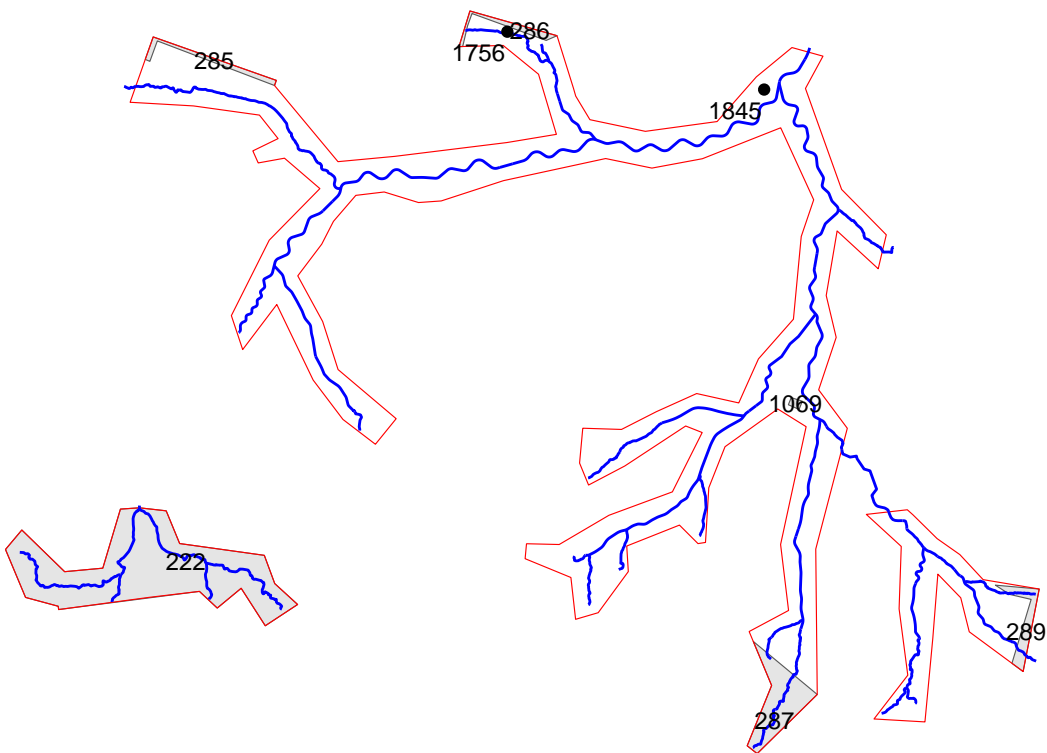
### Weed Issues – Cattail



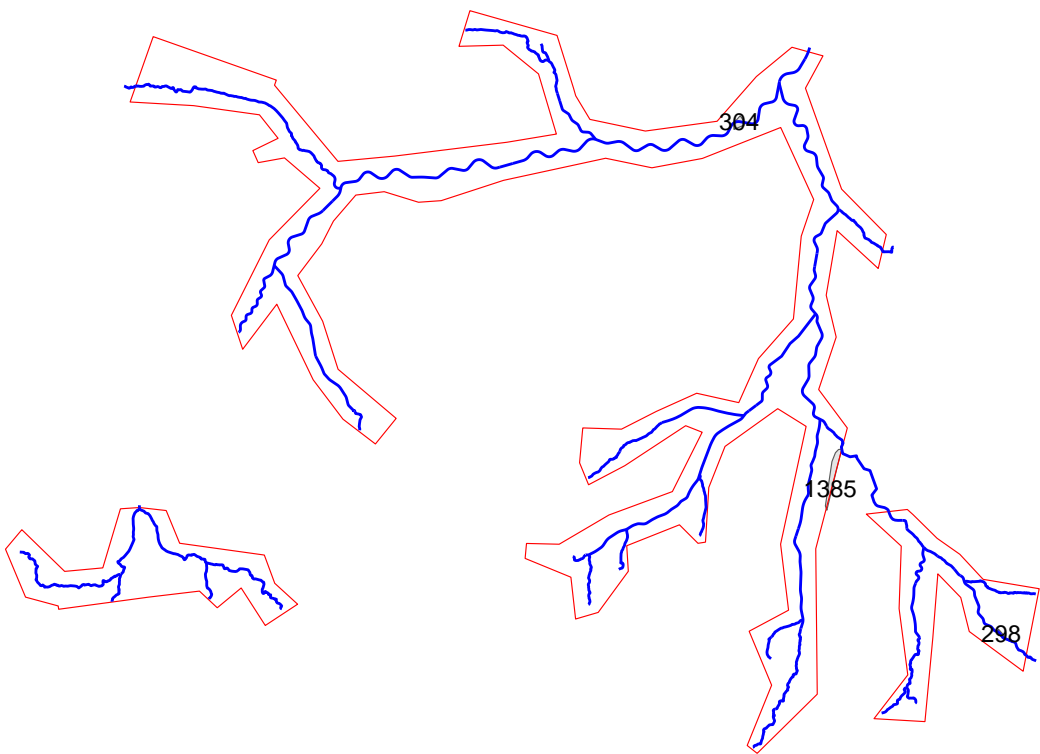
Weed Issues – Chinaberry



Weed Issues – Chinese Privet

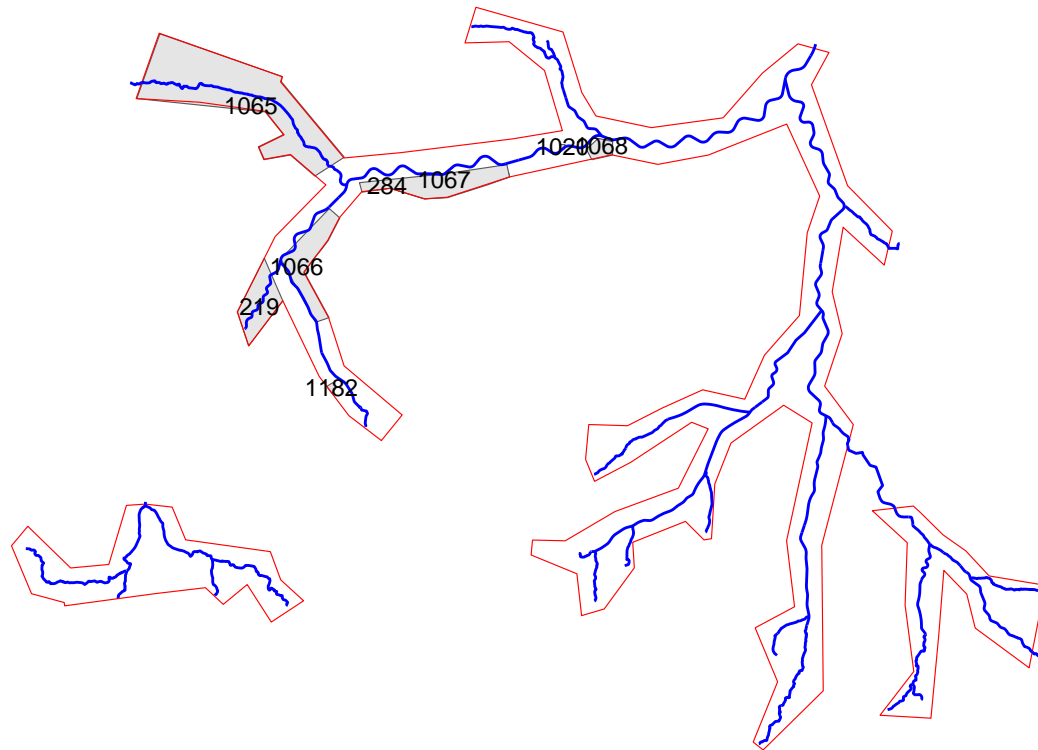


Weed Issues – Japanese Honeysuckle

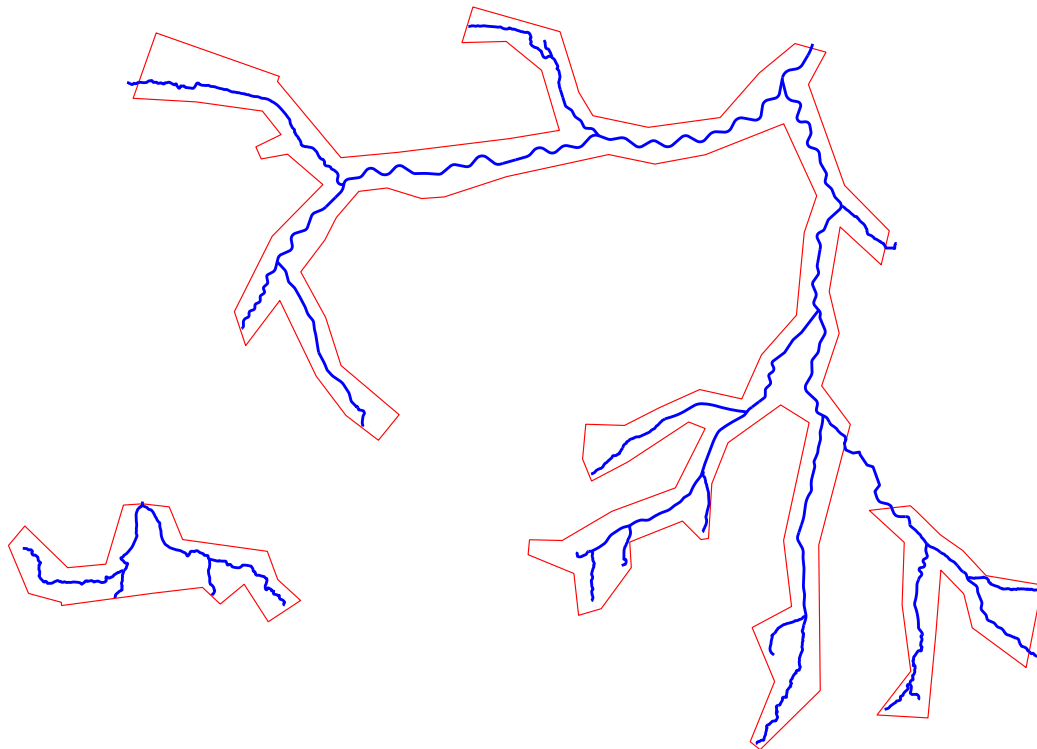




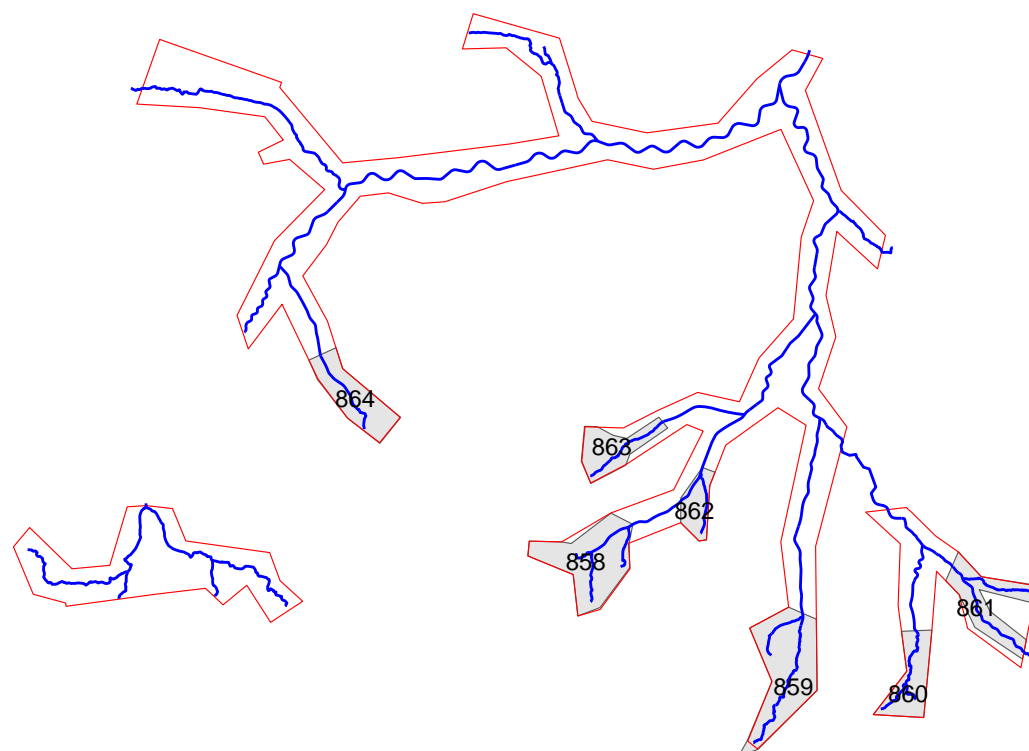
## Weed Issues – OTHER



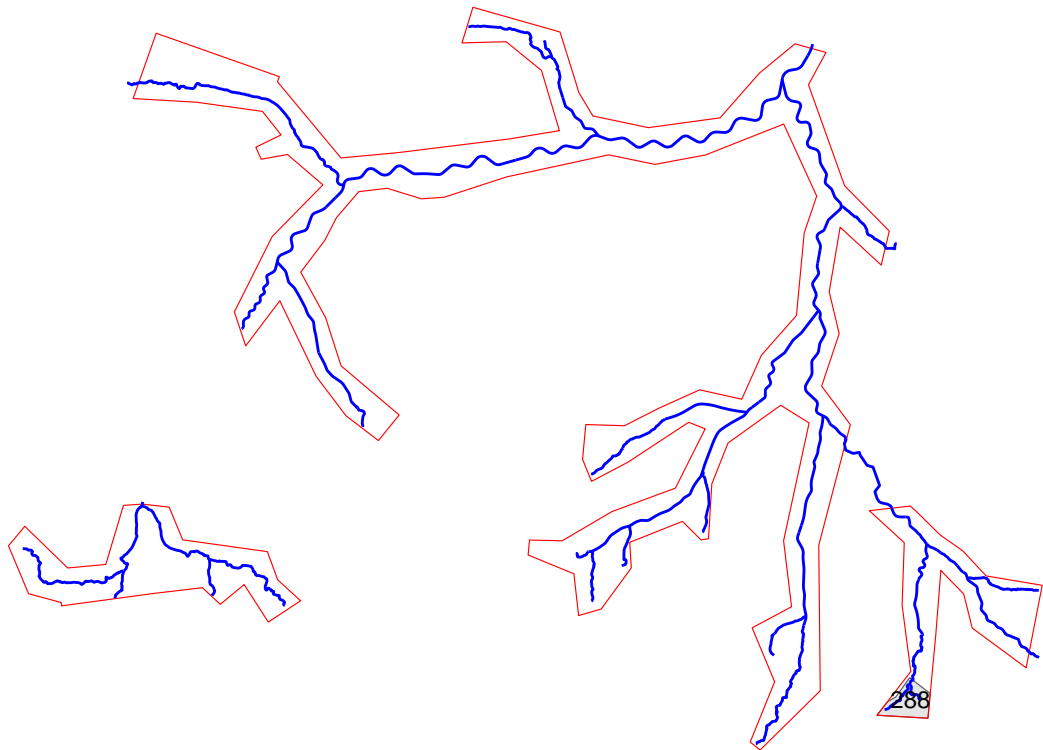
## Weed Issues – NA



## Weed Issues – Marsh Dewflower



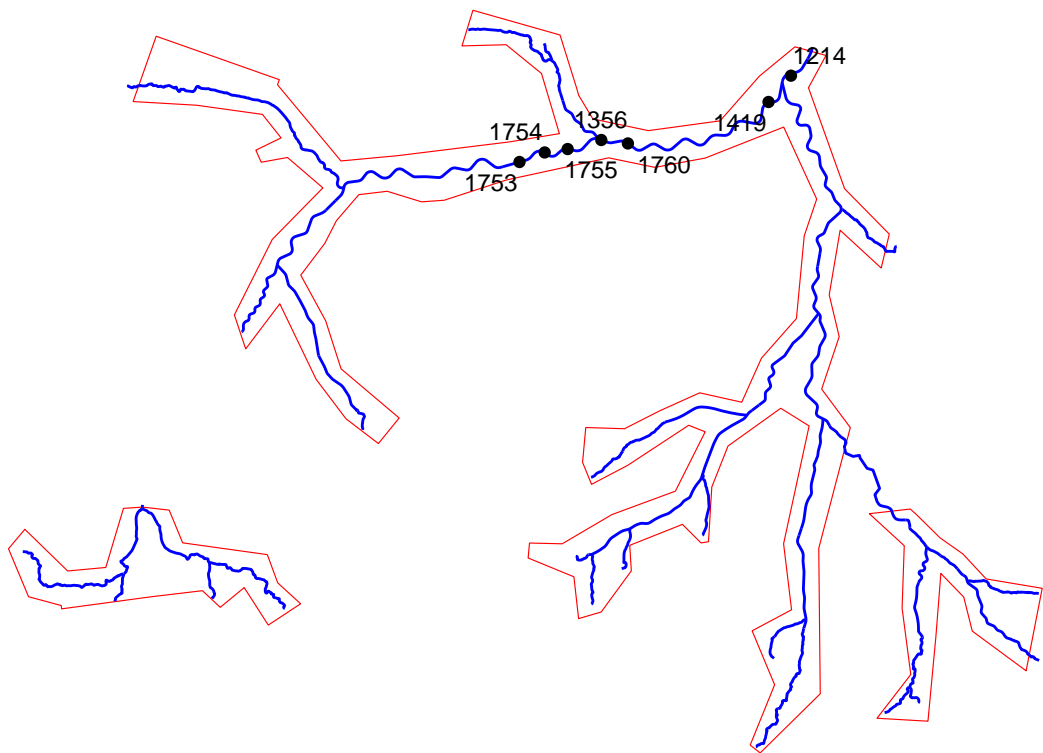
Weed Issues – Multiflora Rose



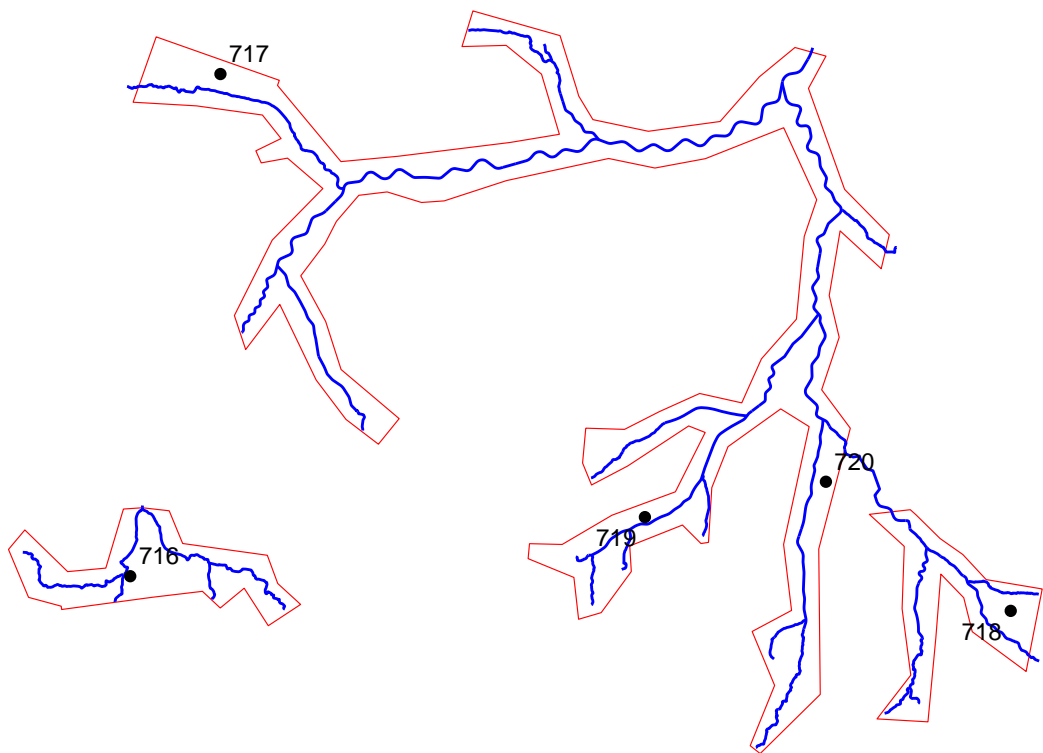
Miscellaneous Issues

OBJECTID	Year	Subtype	Description	LocationOrFeature	Resolved
1019	2023	Misc			No
1214	2023	Beaver Dam			No
1356	2023	Beaver Dam			No
1419	2023	Beaver Dam			No
1466	2023	Misc	gate		No
1489	2023	Misc	Remove silt fence		No
1746	2023	Misc	Gate		No
1749	2023	Misc	Cut willow out of stream, good live stale material		No
1750	2023	Misc	Gate		No
1751	2023	Misc	Gate		No
1753	2023	Beaver Dam	Raked out 11/1/23		No
1754	2023	Beaver Dam	Raked out 11/1/23		No
1755	2023	Beaver Dam	Raked 11/1/23		No
1757	2023	Misc	Gate		No
1758	2023	Misc	Gate		No
1760	2023	Beaver Dam			No
1761	2023	Misc	Gate		No
1762	2023	Misc	Gate		No
1767	2023	Misc	Gate		No
1769	2023	Misc	Gate		No
1847	2023	Misc	Remove willow limbs blocking culvert		No
1907	2023	Misc	cut stump willow branches across channel		No
899	2022	Misc			Yes
716	2022	Soil Sample	DAN10		
717	2022	Soil Sample	DAN7		
718	2022	Soil Sample	DAN1		
719	2022	Soil Sample	DAN4		
720	2022	Soil Sample	DAN3		
299	2021	Misc	Scour. Add cover crop	Bank	No
480	2021	Misc	Repair equipment path has no trees. Stream bank has no live stakes.		No
608	2021	Misc	Silt fencing with t-posts		No
609	2021	Misc	Barb wire fencing with t-posts		No
235	2021	Misc	Cut willow out of channel and live stake the bits		No
237	2021	Misc	Pile of rocks		No

Miscellaneous – Beaver Dam



Miscellaneous – Soil Samples



Miscellaneous Issues

