

Stewardship for Banner Farm

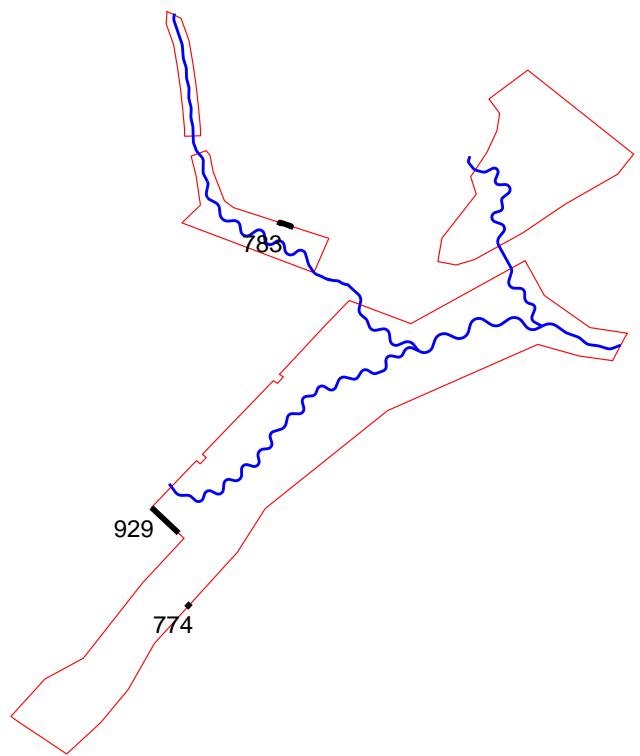
Lead Steward: Joe

2023-12-18

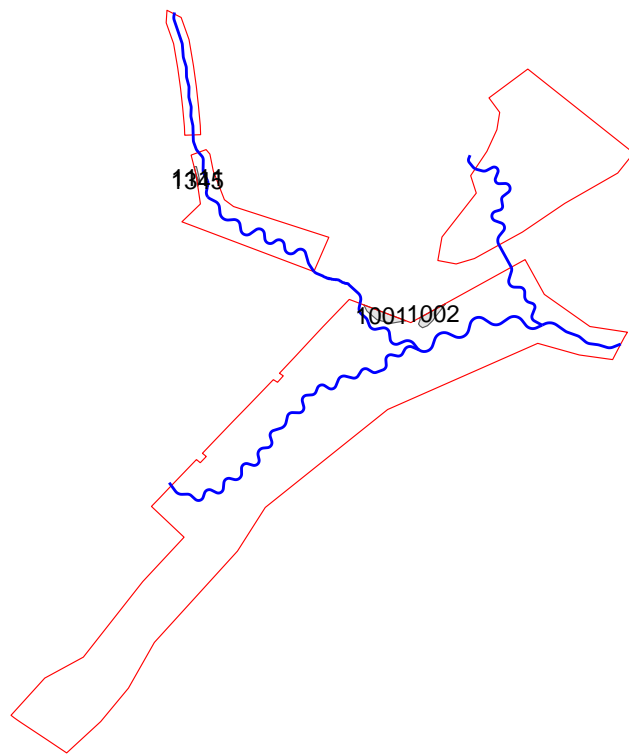
Boundary Issues

OBJECTID	Year	Issue	Description	Treatment	TreatDate	Resolved
1111	2023	Mowing	Mowing higher ground within the easement; posts are intact and obvious			Yes
1345	2023	Mowing	potential mowing encroachment. Not 100 pct sure but it looks like part of the CE is being mowed as part of adjacent lawn. Recommended fix is to install additional sign post.	Placed t-post along boundary and a CE boundary sign on tree along boundary. Will return and place that sign onto the post. Also spoke to the landscaping crew about the importance of not mowing into the CE. They were very receptive	10/2023	No
1002	2022	Mowing	Recent mowing into CE- observed 11/3/22. 40-50 mowed trees. Needs replanting.	Mimi and Joe contacted Kirby Johnson on 11/3/2022 when the mowing was observed. They showed him the correct boundary and discussed how to stay out in the future. Kirby's staff strung plastic string between posts. Mimi and Joe strung sturdier polywire.	11/2022	Yes
1002	2022	Mowing	Recent mowing into CE- observed 11/3/22. 40-50 mowed trees. Needs replanting.	50 trees were planted by WEI staff	02/2023	Yes
1001	2022	Mowing	Recent mowing in CE- observed 11/3/2022. 50-75 trees mowed. Needs replanting	Mimi and Joe contacted Kirby Johnson on 11/3/2022 when the mowing was observed. They showed him the correct boundary and discussed how to stay out in the future. Kirby's staff strung plastic string between posts. Mimi and Joe strung sturdier polywire.	11/2022	Yes
1001	2022	Mowing	Recent mowing in CE- observed 11/3/2022. 50-75 trees mowed. Needs replanting	50 - 75 trees were planted by WEI staff	02/2023	Yes
929	2022	Mowing	Scallop into CE. About 5' at max	strung horse tape- Joe. Previously talked to Kirby	01/2023	Yes
774	2022		Soil pushed into CE from ag field across road	Landowner removed piles without us calling. Gerald's crew delineated the boundary with more posts, signs, extenders, and horse tape	05/2022	Yes
783	2022		Spray onto CE to clear small garden. 2/14/2023 UPDATE- garden area was cleared after discussing with LO. Wooden stakes outline approx. CE boundary.	Added two signs along boundary within garden area. Current garden is outside of CE	05/2023	No

Boundary Issues (lines)



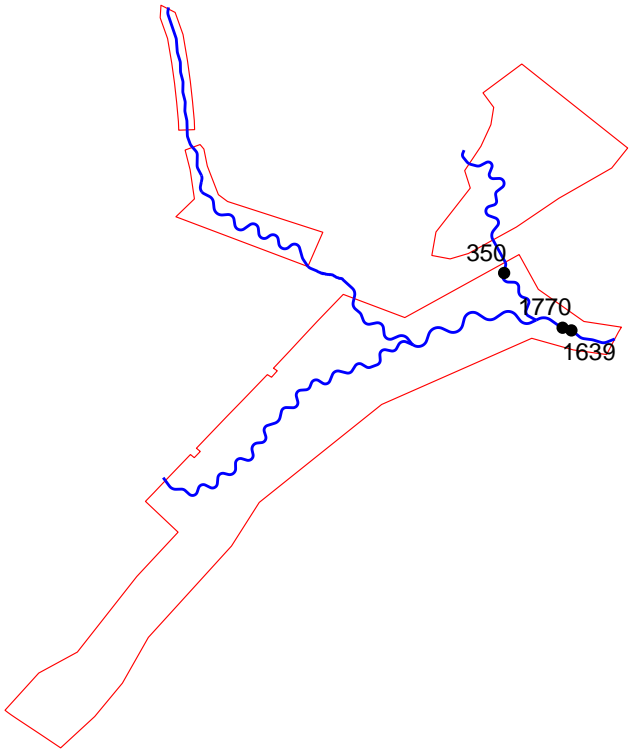
Boundary Issues (polygons)



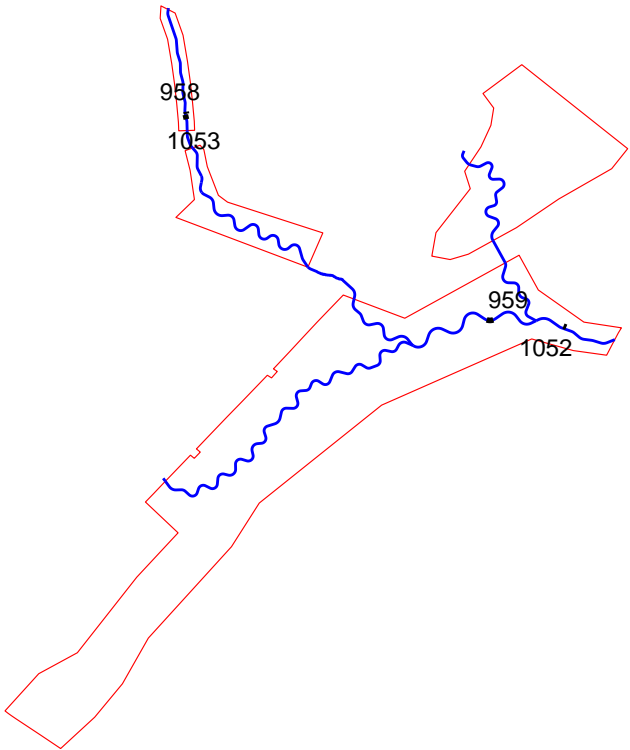
Channel Issues

OBJECTID	Year	Subtype	Issue	Description	Treatment	TreatDate	Resolved
959	2023	Channel Stability/Erosion	ErosionScour	Bank erosion on outside bend. Right bank. Repaired on 2/8/2023 but continue to monitor.	Julie and Joe repaired by matting with coir and planting about 25 live stakes. We thought this was the best we could do without disturbing the large trees behind the erosion.	02/2023	Yes
958	2023	Channel Stability/Erosion	ErosionScour	moderate to severe bank erosion on left bank below structure	Julie and Joe installed a double geolift (AKA 1 Taco Billy taco) to repair bank. Planted 35 live stakes on the repair and right bank	02/2023	Yes
1770	2023	Failed Structure	Piping	Piping under possibly due to low flow, left bank erosion	fixed water piping around left bank by closing up large hole with silt, sand, and various sizes of rock. Added juncus plug to bank. Radecki and Joe	11/2023	Yes
1052	2023	Channel Stability/Erosion	ErosionScour	Left bank scour just downstream of log structure			No
1053	2023	Channel Stability/Erosion	ErosionScour	Bed scour within XS4 riffle, downstream log structure still holding grade			No
1639	2023	Failed Structure	Piping	large log sill with no water flowing over it. All water is flowing cleanly underneath in the center. The fabric is dislodged completely in the center. Gap under log is at least 6-12"	Added new footer log to seal gap and new filter fabric nailed to the sill. Added class A stone plus various sizes of bagged river rock to the filter fabric to hold it down. Sealed piping hole on left bank. Radecki and Joe	11/2023	No
350	2022	Failed Structure		Water cutting around rock. 9/28/22- piping around left side. No erosion. No real issue			No

Channel Issues (points)



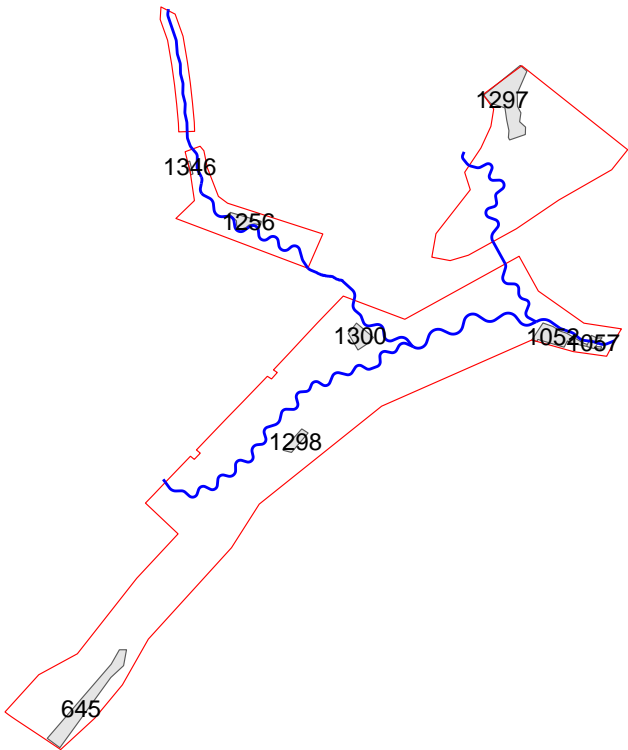
Channel Issues (lines)



Vegetation Issues

OBJECTID	Year	Issue	Description	Treatment	TreatDate	Resolved
1057	2023	Low Stem Density	Area heavily impacted by stream dynamism. No original planting other than river cane here. Plantings are for stability.	planted 75-100 black willow and silky dogwood live stakes on stream bank and floodplain.	02/2023	Yes
1052	2023	Low Stem Density	Trees were destroyed (!) during fall 2022 repairs. Area was seeded with riparian mix post repair	100 - 125 bare root trees and 75 live stakes were planted by WEI staff.	02/2023	Yes
1052	2023	Low Stem Density	Trees were destroyed (!) during fall 2022 repairs. Area was seeded with riparian mix post repair	Added some millet and buckwheat seed plus compost tea.	07/2023	Yes
1256	2023	Bare Areas and Low Stem Density	50 pct groundcover and no/few observed trees	Cover crop seed heavy with millet and buckwheat. Sprayed compost tea. Joe	07/2023	No
1256	2023	Bare Areas and Low Stem Density	50 pct groundcover and no/few observed trees	Seeded and strawed. Seed mix consisted of winter wheat and oats with ladino and crimson clovers plus a bunch of native spp. See Joe for full list.	10/2023	No
1297	2023	Low Stem Density	Larger area of low steam density represented by VP5 and MP3 (MY2)			No
1298	2023	Low Stem Density	Narrow area of low stem density represented by MP9 (MY2) and MP7 (MY1)			No
1300	2023	Low Stem Density	Area of low stem density represented by MP6 (MY2) and MP5 (MY1)			No
1346	2023	Low Stem Density	site of recent mowing encroachment. Lacks trees.. Plan to add 15-20 stems			No
645	2022		large floodplain pool with sparse vegetation	Mimi and Joe planted about 500 wetland plugs in the pool and surrounded area	09/2022	Yes
645	2022		large floodplain pool with sparse vegetation	75 silky willow, buttonbush, and elderberry live stakes and whips were planted in clusters (mostly) by WEI staff	02/2023	Yes

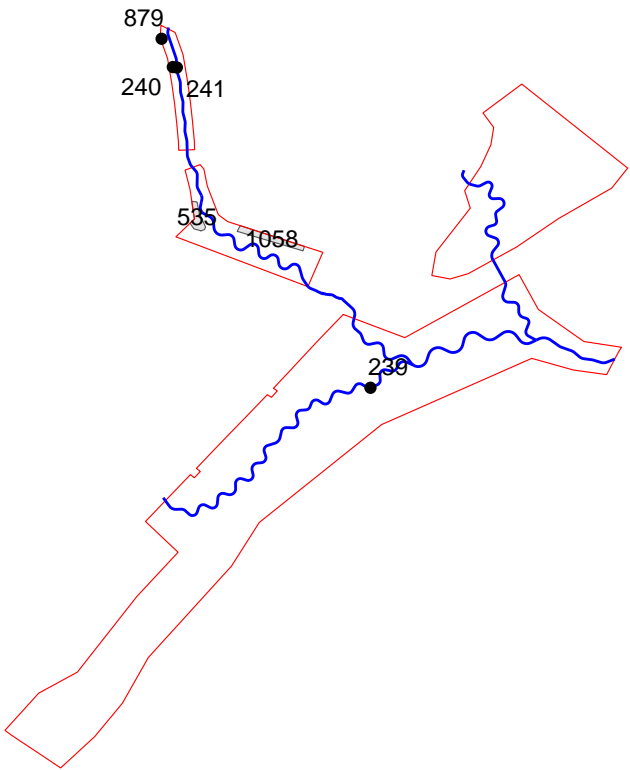
Vegetation Issues (polygons)



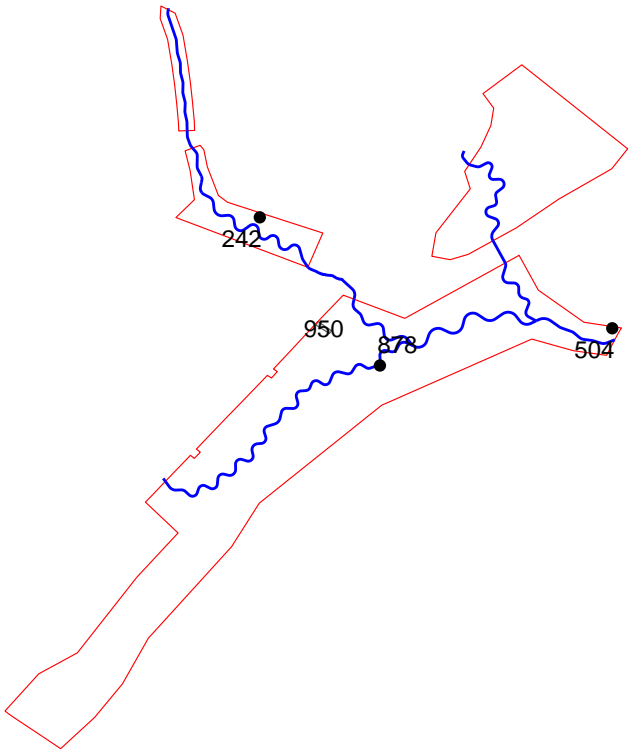
Weed Issues

OBJECTID	Year	Species1	Species2	Issue	Treatment	Method	TreatDate	Resolved
1058	2023	Chinese Privet	Multiflora Rose	Garden variety weeds.	foliar and cut stump before bud burst of most natives	Backpack Spray	03/2023	No
950	2022	Callery Pear	Chinese Privet	Few medium sized trees	Probably mostly foliar with some cut stump	Backpack Spray	03/2023	No
504	2022	Callery Pear	Multiflora Rose					No
878	2022	Callery Pear		Few seedling by big tree. Cut stump				No
879	2022	Chinese Privet		Cut stump or foliar		Backpack Spray	03/2023	Yes
348	2022	Chinese Silvergrass						No
349	2022	Chinese Silvergrass		8 clumps. Foliar				No
505	2022	Multiflora Rose	Chinese Privet	Giant patch		Cut Stump	03/2023	No
815	2022	OTHER		Porcelain berry. Covering native veg				No
818	2022	OTHER		Porcelain berry. Might be grape				No
				Covering native veg				
959	2022	Oriental Bittersweet	Multiflora Rose	All mixed together. Will not be fun to treat. Foliar multiflora. Cut stump everything else	Variety of treatment methods	Backpack Spray	03/2023	No
873	2022				In stream veg spray		07/2022	No
242	2021	Callery Pear		One large tree	hack and squirt by ecoforesters	Hack and Squirt	03/2023	No
240	2021	Chinese Privet			1	Backpack Spray	03/2023	Yes
241	2021	Chinese Privet				Backpack Spray	03/2023	Yes
239	2021	Chinese Privet		Cut stump at base of large tree	Part of invasives clean up in small woody strip here	Cut Stump	04/2022	Yes
535	2021	Chinese Privet	Oriental Bittersweet	Treat this winter (early 2023). Privet treatment in spring 2022 effective. Need bittersweet, ROMU, and Callery pear treatment. Light privet retreatment too	foliar and cut stump	Backpack Spray	04/2022	No
535	2021	Chinese Privet	Oriental Bittersweet	Treat this winter (early 2023). Privet treatment in spring 2022 effective. Need bittersweet, ROMU, and Callery pear treatment. Light privet retreatment too	Foliar and cut stump. Did not treat bittersweet	Backpack Spray	03/2023	No

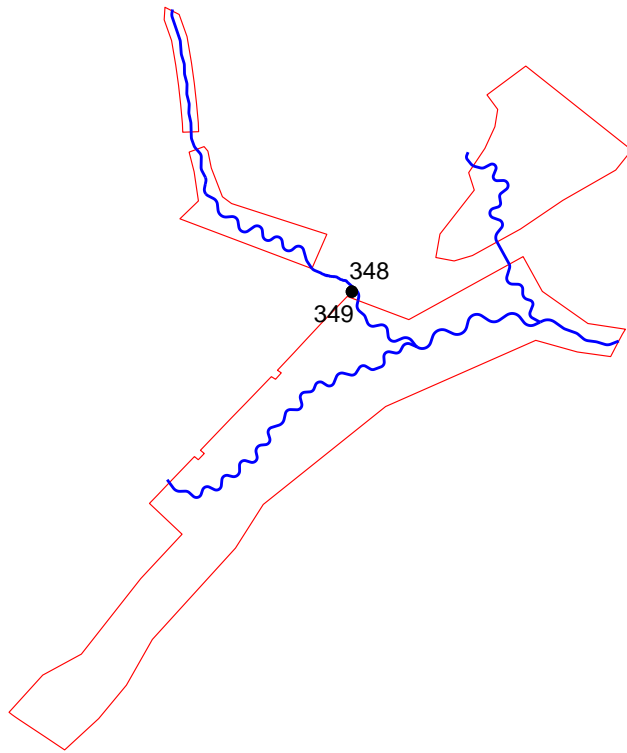
Weed Issues – Chinese Privet



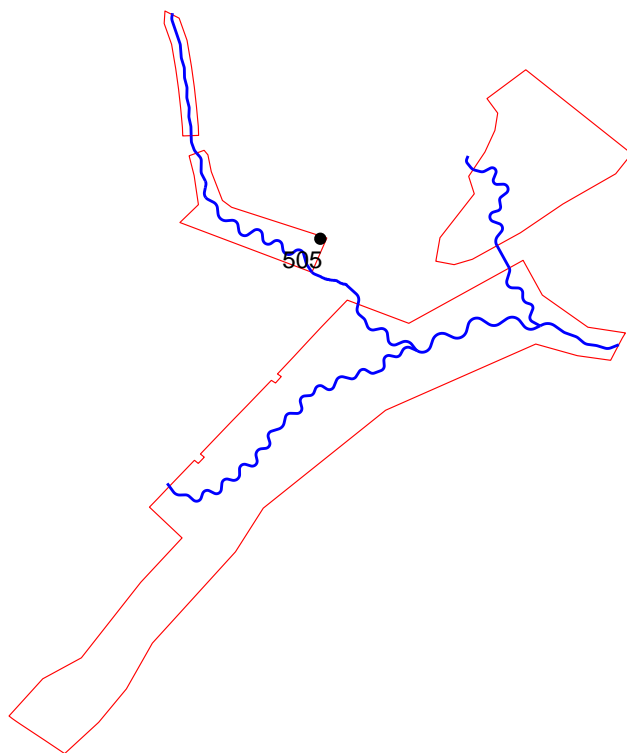
Weed Issues – Callery Pear



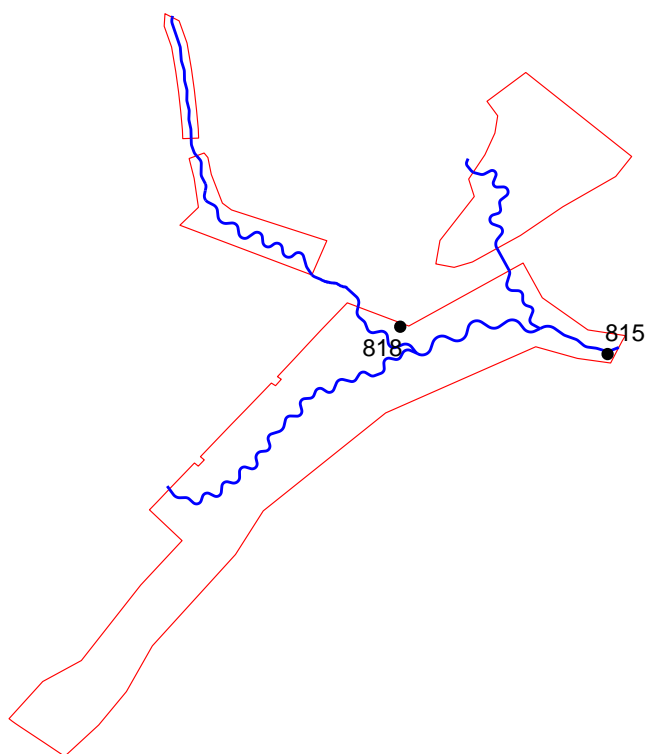
Weed Issues – Chinese Silvergrass



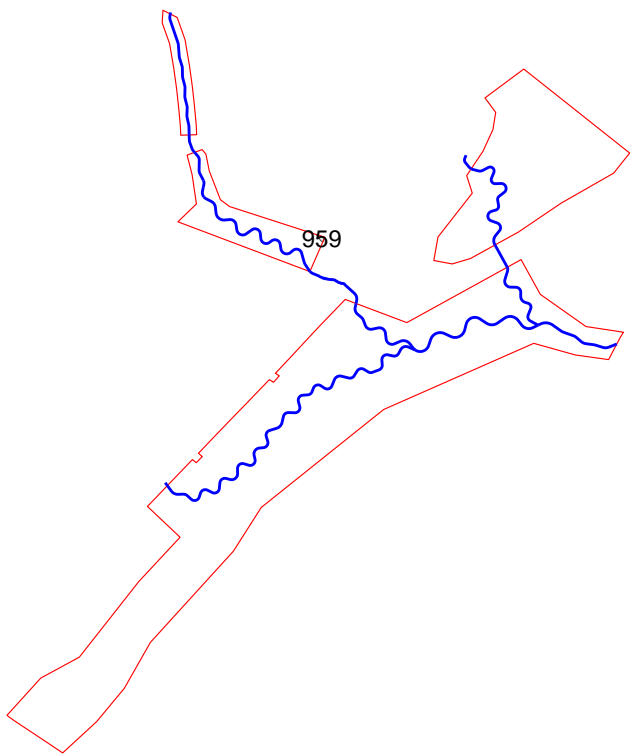
Weed Issues – Multiflora Rose



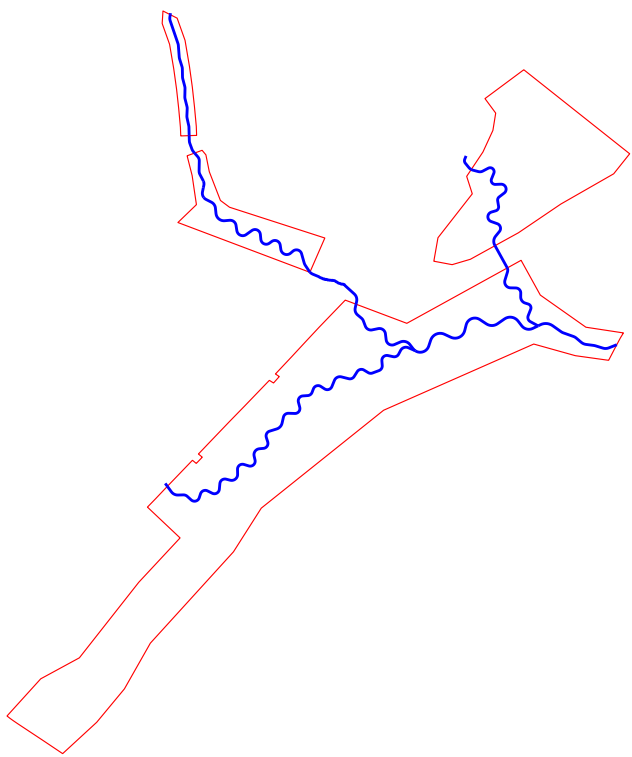
Weed Issues – OTHER



Weed Issues – Oriental Bittersweet



Weed Issues – NA



Miscellaneous Issues

OBJECTID	Year	Subtype	Description	Resolved
1384	2023	Beaver Dam	Small dam above log structure	No
1556	2023	Beaver Dam	Small beaver dam at head of riffle	No
1771	2023	Beaver Dam	About 2 foot tall	No

Miscellaneous – Beaver Dam

