CHECKLIST FOR INSPECTION OF BIORETENTION SYSTEM/TREE FILTERS

Location: Hermitage and 58th

Inspector: Chris Bourbois

Date: July 24th 2023

Time: 4 PM

Site Conditions: Sunny, 85°

Days Since Last Rain Event: 1

Inspection Items Satisfactory (S) or Unsatisfactory (U) 1. Initial Inspection After Planting Plants are stable, roots not exposed Surface is at design level, no evidence of preferential flow/shoving Inlet and outlet/bypass are functional Surface is at design level, no evidence of preferential flow/shoving Inlet and outlet/bypass are functional Surface is at design level, no evidence of preferential flow and inlets/outlets are outfitted with rock structures to dissipate force of incoming stormwater. 2. Debris Cleanup (I time/year minimum, Spring/Fall) Litter, leaves, and dead vegetation removed from the system Prune/mow vegetation Prune/mow vegetation 3. Standing Water (I time/year and/or after large storms) No evidence of standing water after 24-48 (S) U with no erosional problems at inlets. 4. Vegetation Condition and Coverage Vegetation condition good with good coverage (typically >75%) Surface is at design level, no evidence of standing water after 24-48 (S) U with no erosional problems at inlets. Surface is not enough vegetation to need mowing. Vegetation condition good with good coverage Vegetation condition good with good coverage (typically >75%) Surface is at design level, no evidence of preferential flow and inlets/outlets are outfitted with rock structures are in good shape and appear effective, with no erosional problems at inlets. Vegetation condition good with good coverage (typically >75%) Surface is at design level, no evidence of preferential flow and inlets/outlets are outfitted with rock structures are of incoming stormwater. No dead vegetation on site, some vegetation on interpretation there is a significant amount of bare ground as well. Surface is at design level, no evidence of preferential flow and inlets/outlets are outfitted with rock structures to dissipate force of incoming stormwater. No dead vegetation on site, some vegetative debris and a small amount of interpretation to need mowing. Vegetation condition is very poor other than the planted trees, as ever	Bays office Edoc Hairi Everic.				
Both trees planted on site appear healthy and are good choices for site (hackberry and bald cypress). No evidence of preferential flow/shoving	Inspection Items			Comments/Corrective Action	
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Final Comments		S	U		

This site is in somewhat poor shape and seems to have lost any originally planted herbaceous species. Herbaceous vegetation on site now consists exclusively of turf grass and field weeds (like buckhorn plantain, lady's thumb, and dandelions). There is evidence of prior mulching, but nothing recent as there is significant bare ground. However, there is some evidence of continued maintenance, as both young trees planted on site are doing well. Additionally, the rock structures protecting both inlets are in good shape and are obviously still functional. If this area is to be returned to a rain garden, rather than remaining as a bioswale, seeding and/or plug planting would be beneficial. Like some of the other sites in this inventory, the lack of serious invasive species concerns leaves the site at a decent starting point for future improvement.