

HINKSON CREEK COLLABORATIVE ADAPTIVE MANAGEMENT
RIPARIAN SUBCOMMITTEE Meeting Minutes
August 23, 2016
10:00 am

City, Water & Light Admin Conference Room 4A

Attending: Paul Land, Hank Ottinger, Steve Hunt, Tom Wellman, Mike Powell, Erin Keys, Lynn Hooper, Bill Florea

1. Agenda for August 8/23/16 meeting approved by acclamation. Minutes for 7/12/16 meeting approved by acclamation.
2. Physical descriptions of sampling sites were distributed by Lynne.
3. Discussion regarding the reclaimed lagoon site at El Chaparral Subdivision, a former lagoon site of BCRSD that was deeded to the City when the sewer was interconnected and lagoon was removed. Erin has contacted Parks and Recreation, who intends to build some trails and a small parking lot. Erin has also walked the property with their environmental scientist who found several native species in the area and was confident this would be a good site for enhanced riparian zone. Also would be a good place for "pollinator patches". Creek looks good there (S. Fork Grindstone) does not seem to be incising. Steve reports that sewer project encountered a lot of bedrock.

This project will probably not have a significant impact on the watershed but this is a good start and could be a "win under the belt" that would lead to additional similar projects. The real impact will be with multiple projects of this nature.

It has been discussed that we should try to replicate successful projects. Tom brought up the potential for this as a suitable location for a level spreader since it has a large drainage area and a fairly large area to disperse water. It may be necessary deep rip the old lagoon site in order to promote infiltration. This could be a multi-functional site. The location of the Parks and Rec parking lot would probably not conflict with our plans. It was agreed that City Staff would develop a rough plan and cost estimate for the subcommittee to review.

Monitoring was discussed; Lynne would like to see pre and post construction monitoring and has some ideas on how to do that. Science Team would probably want to weigh in.

Steve noted that there is still a clay liner under the site. Had a question whether DNR will allow us to go in and deep rip in order to break up the old line. City will check with DNR to find out what can be done.

Discussion about what is our mission: Inventory of public lands along the creek. We may need to address means to increase riparian areas. This would include private lands but we have prioritized public lands first.

Lynne distributed graphs of riparian areas based on data from PHA. Not too many areas along the creek that were very thin. It might be worthwhile to look at those. Lynne will bring photos of those areas to the next meeting for further discussion. There is also data available on the makeup of the riparian area herbaceous vs. woody.

Discussion occurred about the City property on both sides of Grindstone at the end of Bluff Creek Blvd.

Potential for reforestation under the McGuire Blvd Bridge, which may be tall enough to allow sufficient light for at least understory trees?

Discussion occurred about expanding riparian areas under private ownership. Committee members prefer to incentivize rather than extract through the development process. This may be an application for purchased stream bank easements. We may also consider market based incentives that don't necessarily require the government to put up cash. We would need to establish parameters or criteria for where and what type of riparian area would be acquired or desired. We may consider allowing payment, in lieu of donation or performance of certain regulatory requirements, to provide cash toward riparian acquisition. Missouri Conservation Federation has money to go towards riparian or conservation acquisition may need to look into how to tap into that fund.

There was general discussion about stormwater utility funding, fees and BMP maintenance.

Action items for next meeting:

- City Staff would develop a rough plan for the property immediately south of El Chaparral Subdivision and cost estimate for the subcommittee to review.
- Lynne will bring photos of the thinner riparian areas to the next meeting for further discussion.

Next meeting September 27, 2016 at 10:00 AM.