



CITY OF BEND

Stormwater

Meeting Summary

Thursday January 9, 2020

10:00 AM – 11:30 AM

Utility Annex, Eisenhower Conference Room

Attending: Barbara Rich (Richcraft Studios); Todd Cleveland (Deschutes County CDD); Chris Hart-Henderson (Heart Springs Landscape design LLC); Lawrence Klein (Wylder Solutions); Scott Wallace (Wallace Group/Bend Chamber); Joanne Richter (Upper Deschutes Watershed Council); Bronwen Mastro (Bend Park & Recreation District); Tom Headley (Century West Engineering); Chris Henningsen (City of Bend Private Development Engineering Division); Brad Mandal (City of Bend Building); Drexell Barnes, David Buchanan, Wendy Edde (City of Bend Utilities); Jim Oberlander (phone); Jessie Rykels-Wilson (Parametrix)

Key Items Discussed

- **Newport Avenue Stormwater and Corridor Improvements.** Jessie Rykel-Wilson (Parametrix) gave an overview of the Newport Corridor improvement project. The project came about as the stormwater pipe under Newport is in need of replacement that outfalls into Mirror Pond near the footbridge by Harmon Park. She shared the main goals of the project: to improve the quality and reduce the quantity of the stormwater being discharged into the Deschutes River; and to limit impacts to existing discharge points at the Deschutes River. She provided an overview of the scope and approach, and shared that this is a synergy project designed to provide a cohesive design of new stormwater, sewer lines, water main, full depth pavement, accessible pedestrian facilities and coordinate upgrades/relocations of franchise utilities. To date, surveys and infiltration testing have been conducted. Jessie shared the schedule which included 30% designs are expected in February-March, final design by October 2020, and construction to begin in Spring 2021. Drew Wells is the City's project manager. The project is being paid in part by a loan from Oregon DEQ. A public open house is scheduled for March. Jessie fielded questions about cigarette butts as a pollutant (the project will include catch basins and sediment manholes), curb reveal issues, and right of way constraints. Scott Wallace asked for outfall volumes and peak discharges, and Jessie indicated she would look up the information and report back.
- **Infiltration Study Project Update.** David Buchanan will be the project manager for the geotechnical infiltration study project, to provide an update to the report last completed in 2006-2007. This project will be completed in to support the next

stormwater master plan update, provide information to provide technical support for making stormwater facility type decisions per the request of PAG as part of drainage and density discussions.

- **Permeable Pavement Discussion.** It was recognized that there is a need for technical guidance within Bend for permeable pavements design and installation to provide for added flexibility in stormwater facility techniques. Attendees took part in a discussion of their experience with various types of permeable pavement. Several notes were collected from the group discussion, which David will use in drafting technical guidance. Brad Mandal suggested incentives for Builders rather than landowners may be more effective or equally important given the added cost of installation. An ACWA workshop on permeable pavement is also expected this year. Turf Stone was mentioned as a local manufacturer of pavers for driveways and parking lots.
- **Stormwater Service Charge Review.** The City has received a draft proposal to help review the stormwater service charge structure to account for the flexibility recommended to allow combining of private and public stormwater within a subdivision or planned development to allow for streetside or regional controls. For decades, local regulations have required separation of private and public stormwater given our dispersed system. Originally our regulations required developers and property owners to keep all stormwater on site; in 2010 and 2012, we provided clarity by requiring the 25-year, 24-hour (2.5" storm depth) be kept on site with safe passage for the 100-year storm (3.1" storm depth). Recent code changes are allowing more lot coverage, and state plumbing rules allow only conveyance not infiltration within 10 feet of homes, making it increasingly difficult to maintain stormwater created within onsite swales in single-family residential areas. The City's current stormwater service charge rate structure is set up on a simplified manner; it needs to be updated to allow for the flexibility requested to combine stormwater or allow for regional controls. It makes sense to account for some of the other update needs as well, including to the credit program. The timing is fortunate as the City is updating its computer software, including for billing. The scope of work is undergoing review; funding has not been allocated within this biennial budget period and would need to be allocated to support this project. Public advisory group members recognized the importance of the work. Staff would like the PAG to serve as the public stakeholder input group for this process, and it is envisioned that it would take a number of meetings, likely held more often for a period to work through the issues. PAG members were amenable to this approach.
- **Stormwater Regulatory Updates.** The City applied for an individual permit for its NPDES MS4 Phase II stormwater permit for stormwater draining to the river through its municipal piped system by the December deadline. Given the size of Bend, as the largest Phase II community nearing 100,000 population, it makes sense for the City to obtain an individual permit. Larger Phase I communities are currently negotiating their individual permits.

- **Roundtable Discussion.** Attendees discussed citizen complaint phone numbers, private stormwater basins maintained by homeowners associations, and dumpster areas. Bronwen Mastro shared that Mark Ellington has retired from Bend Park and Recreation District. Sean Mulderig has amicably left the City as of January 3. The City is working to fill the vacancy.

Key Decisions Made/ Key Action Items

- Jessie or Drew Wells will report back on outfall volumes and peak discharges from the Newport project at a future meeting.
- David will release the request for proposals for the geotechnical infiltration study project in the month or so.
- David will use the permeable pavement discussion notes to develop technical guidance for permeable pavement use.
- City staff will continue to move the rate study scope through internal review and budget allocation.
- The PAG will be used as the public stakeholder group to review the stormwater rate structure when a contract is signed.
- Staff will work with DEQ to negotiate the individual permit.
- Wendy will work to obtain necessary approvals to have Bronwen take Mark's place on the Stormwater Public Advisory Group representing