

DRAFT Chambers-Clover Watershed Council Meeting Notes
Wednesday, February 13, 2008
Lakewood City Hall, City Council Chambers

Attending: Jim Jenkins, Jason Roethermel, Don Russell, Barbara Guller, Bob Burkle, Lorin Reinelt, Scott M. Hansen, Dick Muri, Melissa Paulson, Greg Vigoren, Lorna Mauren, Mike Rhubright, and Lone Clagett (taking notes).

Presentations & Education: Surface Water Capital Improvement Projects (2008-09)

City of Lakewood (Greg Vigoren)

Carp Lake - The city will install a mechanical storm filter upstream of the outfall to improve water quality;

Lake Louise (north shore) - Install new outfall, reduce flooding; need easement agreement;

Bristol Avenue (near McDonalds on 100th) - Local flooding reduction; water now enters Ponce de Leon untreated;

59th Street - Need to investigate cause of local flooding; could be groundwater;

Dry well replacement (Goal is 100 per year) with two stage infiltration; an ongoing project;

Tillicum - Sewer infrastructure includes stormwater improvements in old neighborhoods; will be great benefit to American Lake;

Pacific Highway SW, Gravelly to Bridgeport - Road/stormwater improvements; currently discharges to Clover Creek untreated; infiltrate some and treat balance going to creek;

Waughop Lake - Calcium hydroxide treatment to bind phosphorus and improve water quality; first application spring 2008;

Lake Steilacoom - Experimental treatment using calcium hydroxide, first application spring 2008.

Lakewood surface water fees = \$77.40 average residence; approx. \$0.03 per square foot commercial. NPDES monitoring is not required for first five years.

City of Tacoma (Lorna Mauren)

The city is conducting a five-year surface water management Capital Improvement Program. In the Chambers-Clover watershed two streams, Leach and Flett creeks, are impacted.

Leach Creek - The flow enters a holding basin (classified as a forested wetland) and is split so the creek is not overwhelmed, part going to the twin 96ers that empty into the Foss. The plan is to clean out a portion of the holding basin (approximately one acre) to increase storage capacity. The city is getting closer to being able to keep consistent flow in Leach Creek. There

is essentially clean water exiting the holding basin and plenty of it. While remaining sensitive to natural, environmental benefits the project has to deal with the built environment which surrounds it. Each phase is designed to improve the system bit by bit.

Flett Creek - Holding basins require maintenance. Wapato Lake: The algae build up and investigation of the stormwater entering the lake is being analyzed.

Elsewhere, tracking groundwater lost to 75-100 year old pipes is a tremendous undertaking. Fourteen miles were checked by television camera last year. Nasty stuff that couldn't be flushed to the Foss had to be mechanically sucked up and disposed of. City is working on an Ecology grant to line those pipes. The city is moving to complete the same southward.

Pierce County (Hans Hunger)

In 2007

Clover Creek Restoration Phase 2 reconnected the system and restored the floodplain area.

South Midland Wetland Reserve on the north fork established a wetland banking site with increased ratio because it was already established.

SR-7 stormwater outfall retrofit was completed.

The creation of a gentle turn on the **Parkland Ditch** will help eliminate flooding.

In 2008

Clover Creek Restoration Phase 3 will require creative negotiations in design since everyone seems to love it, hate it or have unique desires in regards to the creek.

Sprinker parking lot currently dumps straight into the creek. Part 1 will be a pilot project using LID techniques (porous pavement, rain gardens). After seeing what works and getting feedback from the public Part 2 will finish the job.

An infiltration area will be created on the **Washington Horsemen's** property off 176th.

Morey Pond Bypass requires that the base buy in to this project. Council member Muri and County Exec Ladenburg sent a letter and a favorable letter was returned. The bypass would be constructed around the dam similar to the Breseman project.

NPDES requires more monitoring and inspections which, in turn, requires more funds. Fees may be increased or capital improvement projects may not get done.

CCWC Business (Melissa Paulson)

Draft 2008 Work Plan will be finalized at the March meeting. Melissa asked members to be realistic about goals. Instead of quarterly goals extend what needs to be accomplished into 2009. Bylaw additions and changes will also be finalized at the same meeting.

Brief Reports

Fish & Wildlife (Rich Eltrich, Bob Burkle) - Looked at other watersheds to find out more objective method for identifying steelhead as they pass through the digital imaging. The chum count was 1330 before pulling the trap for upstream migration. Comments: If this becomes a fish education site we can have a special camera with a motion sensor which also records time and day of passage event, and then is ready for the next event. We could put these photos on the website and offer research opportunities to students. **Puget Creek Restoration Society** (Scott Hansen) - Metro Parks has been slow to make adjustments to the damaged area. Traps were out for sand lance eggs which spike in January. We are still looking for funds for the boardwalk project. Lots of interns are on the job; there were 980 volunteers working on Puget Creek in 2007. **Pierce County** (Lorin Reinelt) - A citizen committee will pursue a separate identity for WRIA 12 (separate from WRIA 10 with own funding). **City of Tacoma** (Mike Rhubright) - Comments from public meeting covering NPDES focused on enforcement of developments. **CFT** (Dick Muri) - Good news about the Saltar's property in Steilacoom scoring well in the last round of Conservation Futures funding. The top three properties slated for purchase were on Clover Creek. Ft Lewis partnership with the county and the Town of Steilacoom will ensure clean water enters the Sound. **USGS Study** (Don Russell) - There has been a separate attempt to involve the tribes in the planning process. USGS plus the tribal involvement could make something happen and leverage funding (groundwater/surface water interconnection plus steelhead). **CCWC Chair** (Al Schmauder) - A 45-minute PowerPoint presentation is ready now. Al and Don practiced on some PLU students. Al is still trying to get a meeting notetaker from Clover Park High School Project suggestion: Students in the school district could survey people living along the creeks and lakes. Then the students could build a newsletter based on what's going on in the watershed. This may require a stipend for a teacher who could manage/oversee the program.

Adjourn