

**DRAFT Chambers-Clover Watershed Council Meeting Notes**  
**Wednesday, January 20th, 2010**  
**Lakewood City Hall, Lakewood, WA**

**Attending:** Mark Vinciguerra, Don Russell, Melissa Paulson, Al Schmauder, Cindy James, Steve Wyant, Greg Vigoren, Ione Clagett, Don Dresser, Kena Fox-Dobbs, Bob Burkle, Jim Jenkins, Andy Fritz and Lindsay Tuttle (taking notes).

**Presentations & Education**

**University of Puget Sound Environmental Policy and Decision-Making Program**  
**Kena Fox-Dobbs, PhD, University of Puget Sound**

The Environmental Policy and Decision-Making Program (The Program) was previously called the Environmental Studies Program and is an Interdisciplinary Program for college freshman through senior levels. Three faculty members (Rachel DeMotts, Daniel Sherman and Kena Fox-Dobbs) are currently staffing The Program. Katherine Applegard is The Program's data and resource collector. It is funded by several large grants including the Henry Luce, Andrew Mellow and the Russell Family. The UPS website is a great source of information on The Program.

The Civic Scholarship Initiative focuses on near shore habitat restoration. It is a introductory science class and is a requirement for The Program. Have done work on Swan Creek in the past looking at stable isotopes being stirred up by spawning salmon. This allowed them to detect any influence of salmon on Swan Creek. UWT also did similar work on Swan Creek. This year the class is focusing on salmon restoration in the Puyallup Watershed. The class will have about 25 students.

The Program also has a Capstone Senior Seminar requirement. Last year focused on Environmental Justice and is location specific (like a Tacoma Park). Would like to do some source tracking with nitrogen isotopes. Would be able to determine the source of the nitrogen between fertilizer and sewage.

**Clover Park Technical College Environmental Sciences and Technology**  
**Andy Fritz, Clover Park Technical College**

Average student age is 35 years and for most is their second career. Clover Park Technical College (CPTC) offers only an associates degree. A transfer to Evergreen State College will offer a bachelor's degree. The Environmental Sciences and Technology Program (The Program) has two staff members. It is a 6 quarter (1.5 year) program with a focus in gaining on the job skills. Do not do much research. During the final quarter an internship is required. This is the Capstone Project and requires three months on the job.

Graduates from The Program have gone into positions involved in spill clean-up, with consulting firms in wetland delineation, the DOE, Pierce County and the City of Tacoma. Clover Park Technical College owns a portion of the old Flett Dairy Farm Property and the students do much of their hands on work out there. Would like to improve and maintain the Flett Creek area that is on the property they own.

## **Brief Reports**

**TPCHD** (Lindsay Tuttle) – Three lakes with current toxic algae advisories: Waughop Lake, American Lake and Clear Lake. Submitted proposal for work on Spanaway Lake to DOE. Received \$5,000 for work on creating a lakes report card from Pierce County. Will be looking to partner with Pierce Conservation District.

**WDFW** (Jim Jenkins) – Kokanee population jump start with wild brood stock. About 30,000 eggs with 15,000 going to the Chambers Creek facility. Will be planting back into streams this spring. Chambers Creek did not have any chum return to their spawning grounds. The Puyallup had about 50% return from normal which is very low. The Nisqually had about a 70% return but they stopped the harvest of eggs from the lower reach in order to get them upstream to the hatchery rack spawning grounds. No chum in the Gig Harbor area streams. The Abitibi Mill Garrison Spring rack preventing fish from entering has been stolen/removed three time.

**DOE** (Cindy James) – Monitoring sites for fecal, pH, and metals once a month are needed. Flett Creek @ 75<sup>th</sup> St. was recommended.

**City of Lakewood** (Greg Vigoren) – Phase 4 of Pacific Hwy improvements and economic development. Stormwater to Clover Creek will now be getting treatment. Water quality hydrodynamic separators on Lakewood Dr. and Steilacoom Blvd are the design phase. NPDES implementation is ongoing. Dry well project on hold until staff available.

**Pierce County** (Melissa Paulson) – Small Grants Program had funding meeting to determine recipients. A total of 17 were chosen with 8 having a Chambers Clover Watershed focus. Grant submitted to EPA would provide 2 million dollars for work in the Chambers Clover Watershed, if selected for funding.

**Clover Creek** (Al Schmauder) – Was out at the Clover Creek Restoration site today and saw flowing water in the correct direction! Abitibi Mill site may finally sell. Meet with potential new owner, South Sound Salmon Enhancement Group and WDFW to discuss possible dam removal, day lighting of Garrison Spring, and fence replacement at the Chambers Bay Dam.

**Sequalitchew Creek Council** (Steve Wyant) – Dupont City Council workshop presentation went well. Focused on grant proposal to deal with beavers. Also mentioned Ft. Lewis potentially diverting flow back into Sequalitchew Creek. Did not mention Glacier Northwest. Want to work with the City Council on restoration. Trail going down the beach along Sequalitchew Creek suffered some washouts and the road is impassable by car and may be dangerous to walk. This group is still a developing non profit group. Would like strategic planning help in regards to watershed to bring in education for students-curriculum.

**Watershed Council Business:** Will finalize work plan in February. Bylaws were reviewed and some updates made please review and comment. The 2009 Annual Report style will be continued into 2010. Please send Melissa any ideas and photos to include. Draft will be available in March. Meeting room will change in the Lakewood City Hall: odd months on the first floor and even months on the third floor. Puget Sound Partnership meeting at DOE in February with many local agencies, tribes and private citizens. USGS Meeting updating Groundwater Model at the ESB on Monday January 25<sup>th</sup> from 9 am to noon.