

MCWC June 3rd Meeting 2010

1. Introductions were made, 23 present
2. no new recorder's information,
3. treasurer's report-million dollars in activity by end of year.
4. Sam Chan-OSU 503-679-4828, Invasive Tunicates in Oregon-the yin and yang of tunicates in Winchester Bay. Not much is known about the organism or how to control it. Colonial tunicate-who has seen this? February 15th, 2010-first time identified in Oregon-got a call from a diver. These were found on polypro rope from an oyster garm. Introduced in 1980's from aquaculture. These two tunicates were found just inside the mouth of Winchester Bay. It is found in Yaquina Bay. Regarded as invasive in other places but not so much here. Some boats are dripping with tunicates at Embarcadero. Fishing boats, colder star and chain tunicates-invasive sponges too. Six sided stars-Colonial tunicate-these are filter feeders. These grow and function as a colony. Common vents for effluent, individual intake holes.

In April 2010, in Charleston professor, pulled up tires and found colonial tunicates on them. Scott Grove sent the photos to Sam Chan. In two months, we get reports of the tunicate-they hadn't seen them before. *Didemnum vexillum* is the scientific name of the colonial tunicate. 2006 Pudget Sound Edmunds Washington-found them. Recreational boats move the tunicates around. All it takes is a drip of it to spread it. Embarcadero boats have the star and chain tunicates. Winchester Bay-The mooring lines have an infestation northern feather duster worm is being covered by the colonial tunicates-2 years old. Countries with infestations-USA, British Isle, New Zealand, Japan, Canada, France.

In adult form, has no spinal cord-mouth, brain, heart, gut, reproductive organ. In juvenile form has a spinal cord so that it can swim. Shares the excurrent-incubates the larva or breaks off to reproduce. Needs 54-57 degrees to reproduce. Don't know the risk to the watersheds of Oregon. Don't have good salinity data-don't have temp and salinity grids. Below 21 PP thousand for three weeks the colony won't grow-will survive in low areas where salinity remains. The jetty rocks have an infestation-in Feb, 1-2 square feet, 3-4 square feet in 2 months. The oyster farm is only partially infestation. Each user is pointing fingers at others-blame can be determined using forensics and DNA. They come in many sizes and colors-have a blue green algae that grows with them-a symbiotic relationships that grows with them. The algae can be different colors and impact the look of the tunicate. Maybe dark ballast water since they like dark areas.

Effective at simplifying the benthic layer-so can have a huge habitat impact. Can have an economic impact. Steps-prevention, early detection, rapid response, elimination-409

should work. Take out of water-one day they die-3 hours of drying, low salinity, temperature -2 degrees Celsius. They have wrapped them with plastic, inject fresh water, they die in a day or so-high pressure spray-inject vinegar and they die, scrapping and suction making sure that you capture all the pieces. They are trying a natural bacteria as pilot. Education materials, law enforcement, prevention-boat owners, fishermen, dock owners. Monitor for temp and salinity-this would identify the high risk areas. Maybe can tell temp-from satellite temperature data. Maybe citizen science-salinity has to be at many depths. Reedsport wave buoys can be attached clear out on continental shelf. Important to keep out of Bays where it isn't. Aquatic invasive law will help to fund education of officers. It should grow a lot by August since it likes warmer temperatures.

First denial, grief, what am I going to do? Not condemn the person who has the infestation.Lakeside-10 mile Lake-boaters go there to wash off their boats. There is a link that Wayne will send around so that we can see the video.

5. King Salvage restoration-Heather Van meter, Sargent Todd Thompson

Explore options for down the road. The landowner will have some day in results. 6.5 acres, 25,000 tires, junk vehicles, oil, gas, toxic fluid-EPA removed 500 cubic yards of contaminated soil by crusher. Since 1998 OSP working on for 3 years. Currently don't have dismantling license. A number of filed liens against the property. Ideas of what we could do? Conversations with Wayne Belmont about county perspective. Once the trash and contaminated materials-the MCWC has a role. Contact Heather Van Meter-let her know if there are contacts. June 15 is next court date. Oregon State Police-Heather.m.vanmeter@state.or.us 541-270-9637

Forbes had article about recycling old tires.

6. Technical Team Report-handout, 2 agenda items-marine reserve and reserved action plan status-ways we might expand the things we do. The is new directions ideas-doing some restoration for chum salmon. ODFW dialogue has to happen. Stream chemistry and micro nutrients. Creosote abatement. Eelgrass restoration, enhancement. Inventory of historical dikes floodplains. Marsh restoration-upper Yaquina-think about the current tidal range. LFA protocols for steelhead? 3 year, 5 year large wood post monitor-are the logs doing what we want to happen? Beaver populations-improvement of habitat. Chum need gravel beds close to tide water. Water quality-estuary salinity/temp. Stream level rise-climate change.

7. Basin Planning Team Reports-Siletz-the position is open for basin coordinator. Forging ahead with marine board fight. DEQ meeting today, was to result in letter to protect public water supply. DEQ suggested that we ask for a meeting with the marine board prior to the big meeting.

Yaquina written report-Stacey has a rain garden workshop. Lisa is going to attend. EPA restoration priorities in lower Yaquina. Let new people to register for field trip.

8. Salmon Drift Watershed Council Report-forms to sign for lottery funds to be used for parks. Petition is being passed around. Sunday-NOAA welcome party-South Beach. Pixieland is big project for summer. Phase one, removing dikes, regarding, vegetation work-ecology behind doing the work. Lower Salmon River access. City talking about rain barrel project.
9. Alsea Watershed Council Report-written report
10. Admin committee report-quarterly report from Alsea-required by OWEB. Financial statement reviewed. Personnel discussion. Employee evaluation forms and process-July.
11. Education Committee Report-handout only one page was handed out
12. Coordinator's Report-near shore task force, marine reserves and council support
13. Announcements-

Meeting notes prepared by Virginia Tardaewether