

**CITY OF SCAPPOOSE
REGULAR CITY COUNCIL MEETING
OCTOBER 17, 2011 AT 7:00 P.M.
33568 EAST COLUMBIA AVE
SCAPPOOSE, OREGON**

Mayor Burge called the City Council Meeting to order at 7:00 p.m.

Flag Salute

Attendance:

City Council Members:

Scott Burge	Mayor
Jeff Bernhard	Council President
Donna Gedlich	Councilor
Judie Ingham	Councilor
Larry P. Meres	Councilor
Mark Reed	Councilor

Staff:

Jon Hanken	City Manager
Norm Miller	Police Lieutenant
Susan Reeves	City Recorder

Press:

Cindy Phillips Legal Counsel	Chelsea Bowen	The Chronicle
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Excused: Councilor Jeff Erickson and Police Chief Greisen

Approval of the Agenda

Councilor Ingham moved and Council President Bernhard seconded the motion to approve the agenda. Motion passed (6-0). Mayor Burge, aye; Council President Bernhard, aye; Councilor Gedlich, aye; Councilor Ingham, aye; Councilor Meres, aye and Councilor Reed, aye.

Public Comments

None

Consent Agenda

October 4, 2011

Council President Bernhard moved and Councilor Ingham seconded the motion to approve the October 4, 2011 City Council meeting minutes. Motion passed (6-0). Mayor Burge, aye; Council President Bernhard, aye; Councilor Gedlich, aye; Councilor Ingham, aye; Councilor Meres, aye and Councilor Reed, aye.

Scappoose Bay Watershed Council

Janelle St. Pierre, Coordinator for the Scappoose Bay Watershed Council, explained she wanted to bring two things before Council; one is the Watershed Council just completed a three year monitoring report of water quality in the watershed and that is the bulk of what she is going to talk about and the other is they just received funding a project along South Scappoose Creek including Veterans Park. She gave a power point presentation which is included in these minutes ~

Scappoose Bay Watershed Water Quality Monitoring Report 2008-2010



Monitoring Report

PURPOSE

The purpose of this report was to assimilate the watershed-wide water quality monitoring data and the macroinvertebrate survey completed between 2008 and 2010, and establish a baseline of the water quality and salmon refugia conditions across the subbasins.



Volunteer Monitoring Program

Volunteer Activities:

- Water Quality Monitoring 2008-Current
- Macroinvertebrate Survey Conducted in 2009 & 2010

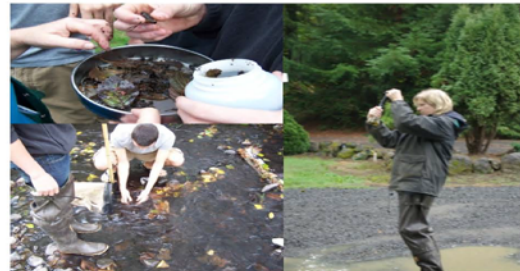


Educated and Trained:

- 65 adults and 470 students

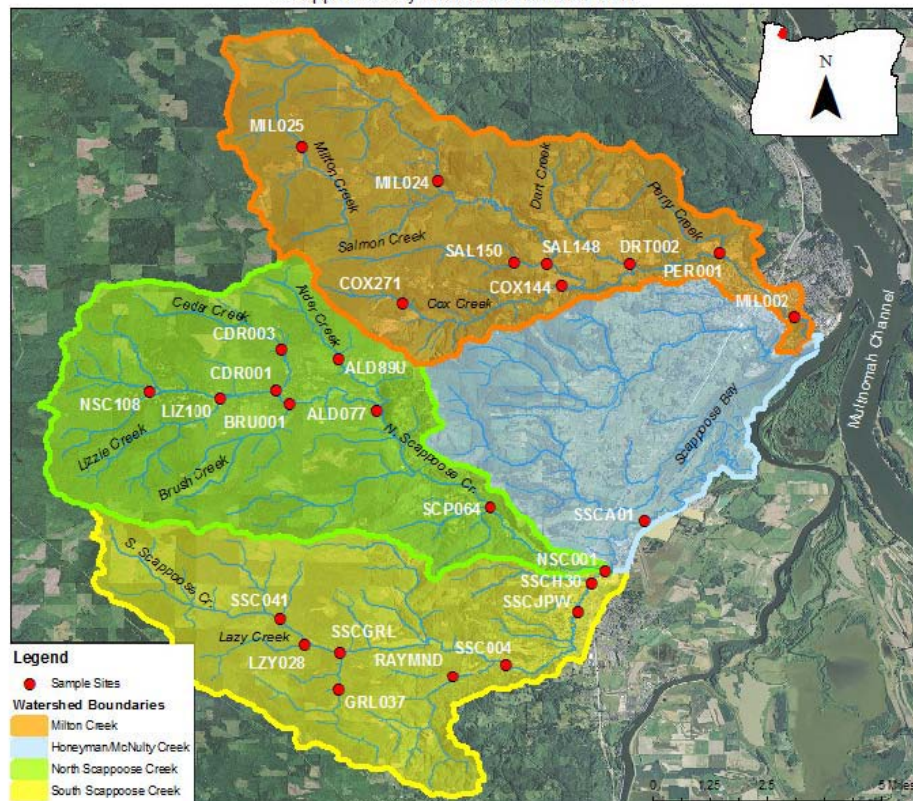
Including students from:

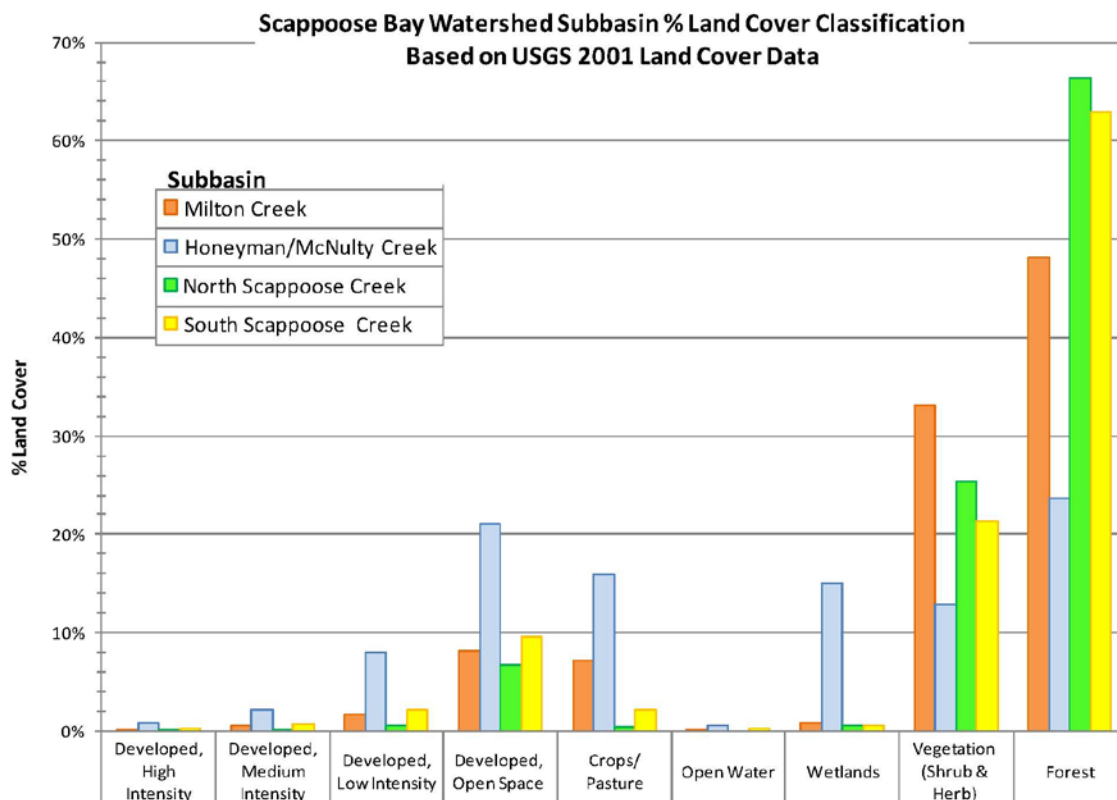
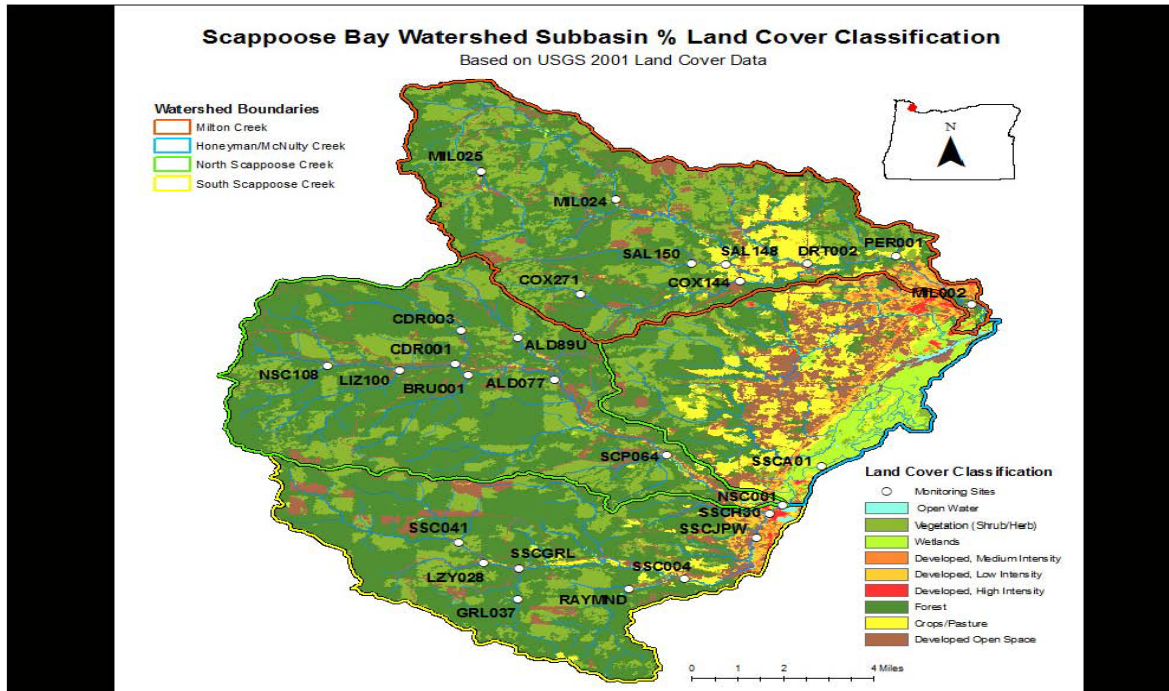
- Columbia River Youth Corps
- Scappoose High School
- St. Helens High School
- St. Helens Middle School



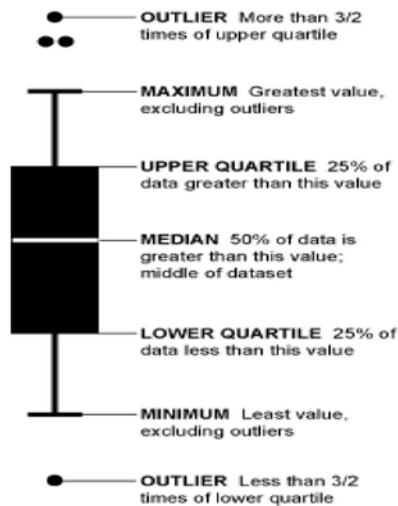
Watershed Monitoring Site Map

Scappoose Bay Watershed Council 2011





Results: How to Read A Box Plot



Water Quality Results: pH

pH

- Average pH range was within ideal salmon habitat range throughout all the subbasins (8.5-6 pH).

What is pH?

pH is a measure of how acidic or basic the water is – which can vary naturally both daily and seasonally.

Water pH is critical to fish habitat because it can affect fish egg production and survival, aquatic insect survival/emergence and the toxicity of other pollutants. Stream water ideal pH range is 6-8.5.

Water Quality Results: DO

Dissolved Oxygen (DO)

- Sub-optimal (<11ppm but not <6ppm) throughout all subbasins, with lower DO levels more common in the lower subbasin sample sites.
- Milton Creek Subbasin had the lowest DO levels

What is DO?

Dissolved Oxygen Refers to the amount of oxygen dissolved in the water at a given temperature and atmospheric pressure.

DO is critical to the entire biological community in surface water And is a key element of healthy salmon habitat. Ideally DO levels should be above 11ppm year round.

Water Quality Results: Conductivity

Conductivity

- With in expected range of <150 $\mu\text{S}/\text{cm}$ in all subbasins

What is Conductivity?

Conductivity is a measure of a water's ability to conduct electrical current which is determined by the amount of dissolved ions in the water.

A stream's normal conductivity range can be used as a baseline for comparison. Significant changes in conductivity could be an indicator of a discharge/pollution entering the stream. In our region streams typically have a conductivity of <150 $\mu\text{S}/\text{cm}$.

Water Quality Results: Turbidity

Turbidity

- Milton Creek Subbasin has common occurrences of high >10 NTU turbidity , specifically site MIL025
- North & South Scappoose Creek Subbasins average turbidity levels are less than the critical 10 NTU level

What is Turbidity?

Turbidity refers to how clear the water is. The greater the amount of suspended solids in the water, the murkier it appears and the higher the measured turbidity.

High turbidity levels (>10 NTU) can modify light penetration and smother benthic habitats - impacting both organisms and eggs.

Water Quality Results: E. coli Bacteria

E. coli Bacteria

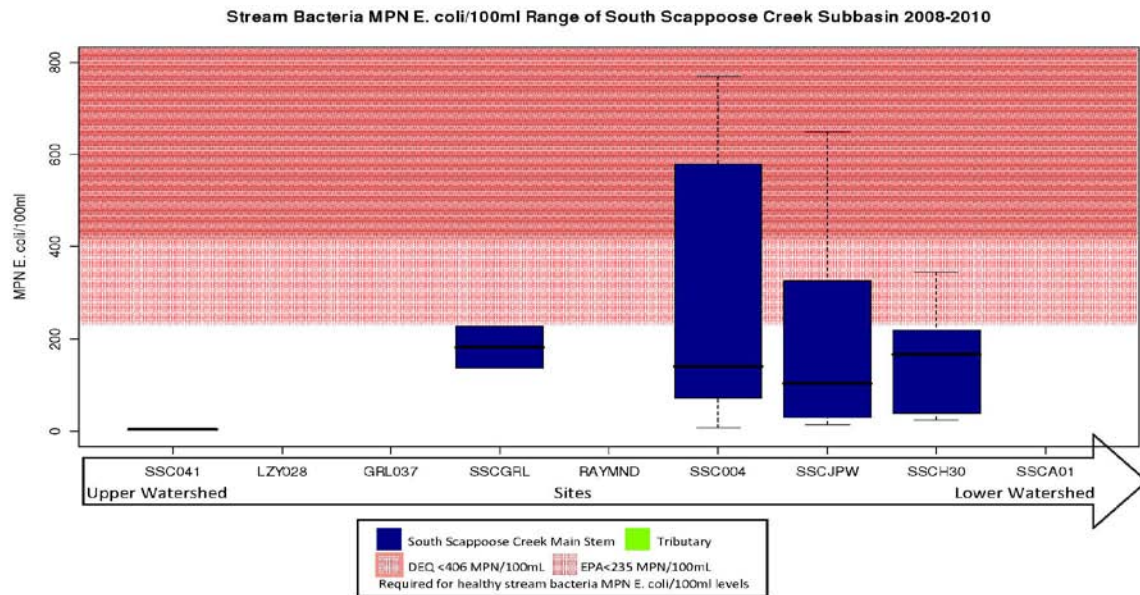
- Milton Creek Subbasin has high bacteria levels (>235 MPN/100ml) at MIL002
- South Scappoose Creek Subbasin has high bacteria levels at sites: SSC004, SSCJPW, and SSCH30

What is E. coli Bacteria ?

Escherichia coli (E. coli) is a type of fecal coliform bacteria that comes from human and animal waste.

If E. coli levels are high, then other disease-causing organisms may be present and a potential threat to human health exists. E. coli threshold levels identified by the EPA <235 MPN/100ml and DEQ <406 MPN/100ml.

Water Quality Results: E. coli Bacteria South Scappoose Creek Subbasin



Water Quality Results: Temperature

Temperature

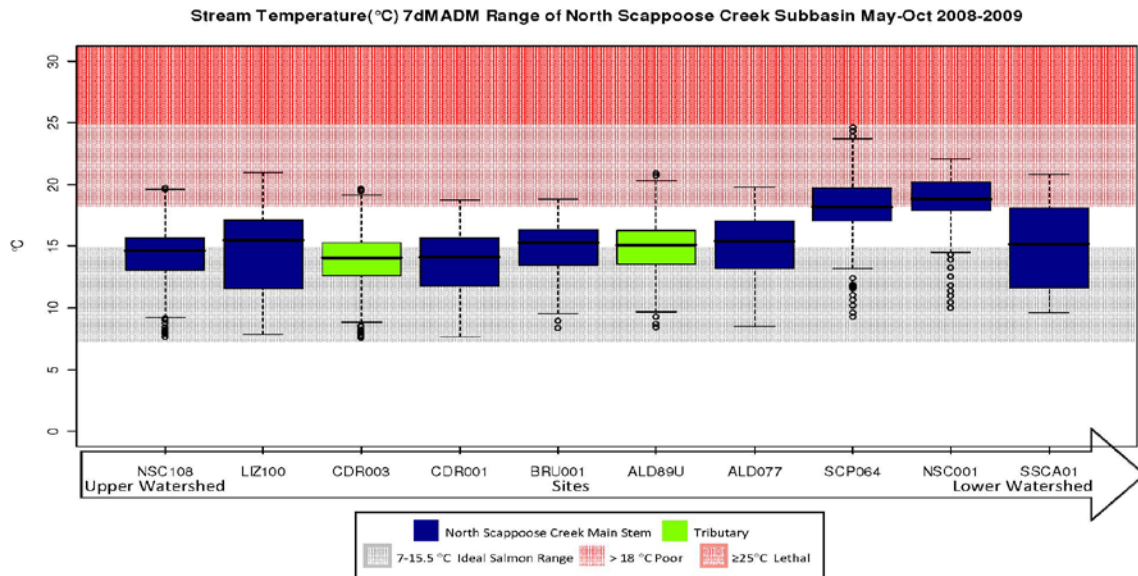
- All subbasins had occurrences of sub-optimal temperatures ($>18^{\circ}\text{C}$)
- Overall the most ideal temperature ranges were found in the upper portion of all the subbasins

Why Temperature?

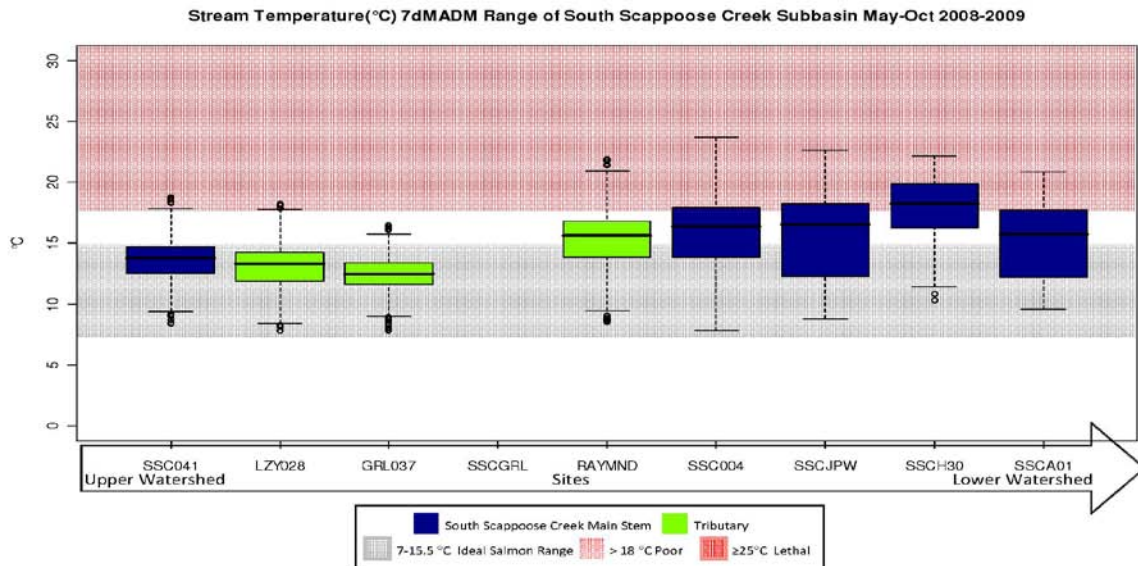
Aquatic organisms from microbes to fish are dependent on certain temperature ranges for their optimal health, temperatures outside of these ranges can cause stress and/or death.

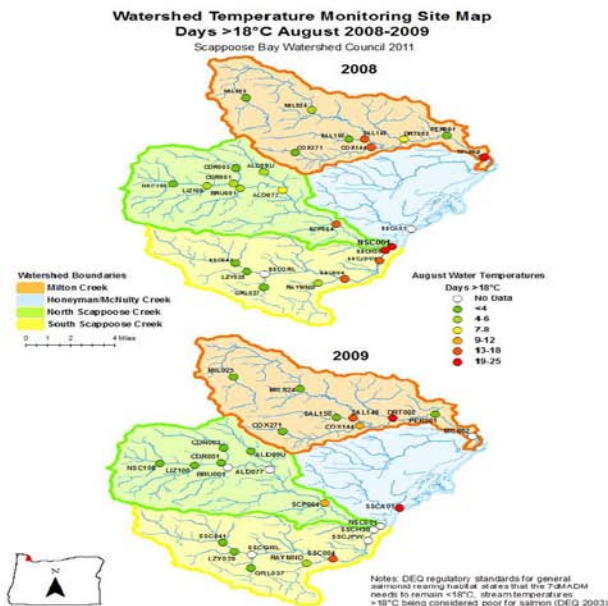
Our regional salmonid species require stream temperatures below 18°C , ideally in adult habitat it should remain below 15.6°C and in juvenile habitat it should remain below 13.9°C .

Water Quality Results: Temperature North Scappoose Creek Subbasin



Water Quality Results: Temperature South Scappoose Creek Subbasin





Water Quality Results: Macroinvertebrates

Macroinvertebrates

- Macroinvertebrate surveys (2009) indicated that the majority of the streams surveyed are in **impaired and degraded conditions** (likely due to high stream temperature issues).

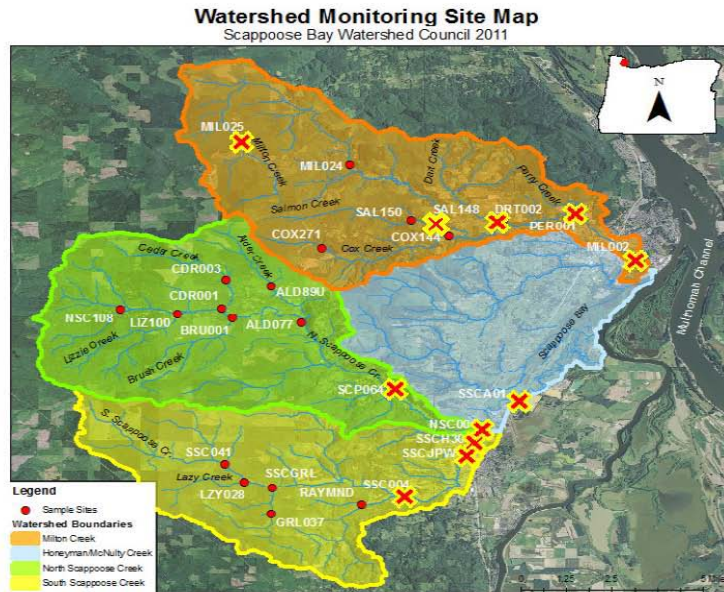
Why Bugs?

Aquatic macroinvertebrates provide information about the quality of a stream over long periods of time.

In a healthy stream, the macroinvertebrate community will include a variety of pollution-sensitive macroinvertebrates. In an unhealthy stream, there may be only a few types of non-sensitive macroinvertebrates present.

Major Findings

- Specific sites have been identified as having serious issues with elevated: Turbidity, E. Coli and/or Temperature Levels

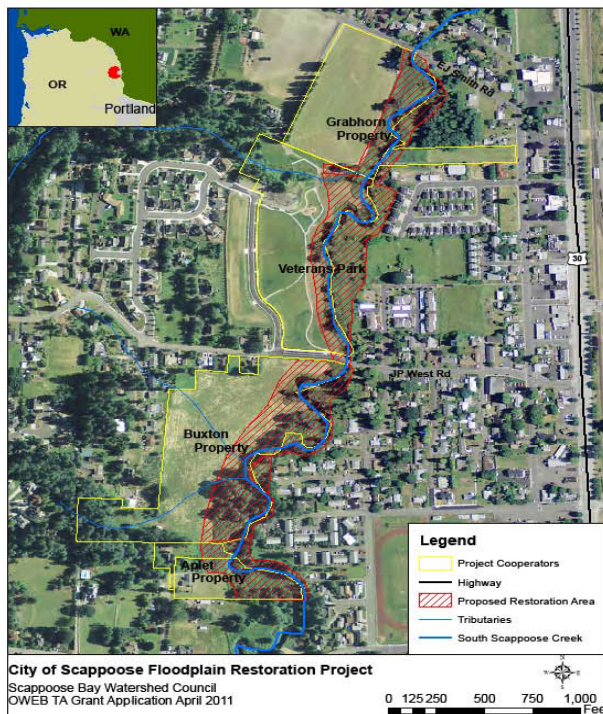


Major Findings (Continued)

- **Basin-wide issues with high stream temperatures are likely related to:**
 - Basin-wide sub-optimal DO levels
 - Degraded macroinvertebrate communities
- **More monitoring is needed to isolate problem areas and identify restoration needs**

Next Steps

- 2011 water quality and macroinvertebrate data will be added to the analysis
- All the data will be incorporated into the State of the Watershed Report along with:
 - The Aquatic Habitat Inventories
 - Juvenile Coho surveys
 - Limiting Factors Analysis for salmonids
 - Amphibian and Turtles surveys; and
 - Other studies about watershed health, land-use, growth and development, and local history



City of Scappoose Floodplain Restoration Project

- Technical assistance grant from the Oregon Watershed Enhancement Board
- The project will develop design alternatives and work with partners to select a preferred alternative (35% design)
- Additional funding will be sought for final design, permitting, and implementation
- The project will be coordinated with the JP West Bridge construction process

End of power point presentation.

Janelle St. Pierre explained one of the projects they recently had funded is City of Scappoose floodplain restoration project. She explained they originally were looking at just Veterans Park. She explained there are a lot of eroding banks and really there is not riparian area and so the idea is to pull back the banks, flip them back, plant areas and create some floodplain, it will help restore some of the flood capacity in the creek and it would make some of the flooding issues better. This would make the creek accessible so it is just not a 15 foot drop into the creek. She stated for the purpose of the creek health and also making the creek intergraded with the park if they are able to pull back the banks. She explained what they got initially was just the design grant so they applied for funding just to do the design work to work with property owners, the City and to propose some project ideas and choose a preferred alternative and then they will have to go after funds for implementation. They also wanted to tie in with the replacement of the JP West bridge because there is a lot of good data that they will be collecting that will be useful for their project and also they really want to make sure that what ever they are doing doesn't impact the bridge. She explained all the bridges in town right now are acting as grade control; they are stopping the erosion of South Scappoose Creek. She explained the bridges are also are under capacity in a lot of cases so that is part of the reason we get flooding because the bridges constrict and then water backs up behind them and the it goes over the roads.

Councilor Gedlich ask how long will this project take.

Janelle St. Pierre replied it depends how well funding goes. She explained it would be nice to implement in 2013. She explained one thing about their projects is they can only work between July 15 and August 30 on in stream projects so it is a really short 6 weeks. She stated they might have to wait until 2014 but she doesn't know at this point.

City Manager Hanken explained the bridge project again in terms of the optimistic time is 2013, it still could be 2014.

Council thanked Janelle St. Pierre.

Old Business

Truck Restriction Update

Lieutenant Miller went over the staff report. He explained Chief Greisen and City Planner Brian Varricchione put this together and they request guidance from Council. He explained there are three options in regards to this.

Councilor Ingham explained she feels over time we have to evaluation the entire City and she doesn't feel it can be limited. She explained she thinks they need to go with option 3 and evaluate every street for safety constraints and craft and ordinance.

Councilor Gedlich stated she has to agree with Councilor Ingham. She thinks we need to move slowly and get a lot of public input. She stated maybe the City can write an information article about what they have discussed here and maybe give the citizens some time to direct their comments to the Police Department or the Engineers Office maybe for 30 days and see what happens and then we can revisit this again. She stated also maybe check with other municipalities our size to see what some of their issues are, if they are the same, what they have done, or not done.

City Manager Hanken explained one of the things Council might want to consider is as we move forward is that the City's Transportation Master Plan was adopted in 1997. The City is due to revise that document and as we start looking at the UGB possible expansion also that document will need to be expanded to cover that as well. He stated he would provide a little bit of caution until they know what the UGB is going to look like don't rush too far ahead in the Transportation Master Plan because they may be spending money that they have to re-spend if things change in the UGB.

Mayor Burge stated to him it would make some sense to do option 1 and option 3.

City Manager Hanken replied you could do that.

Councilor Meres explained he thought we were discussion 2nd Street and he thought we were putting 3rd Street through. He doesn't see a lot of issues in town.

City Manager Hanken replied the originally request was for 2nd Street but then there was a discussion on other streets that were asked to be looked at. He explained usually he waits to start projects until after the first quarter that way we can see exactly where we are with the new fiscal year.

Council President Bernhard replied he also agrees with Mayor Burge on this. He stated the first thing he was thinking when he read this was cost. He stated the Transportation Master Plan is a whole different discussion. He stated from a cost standpoint he thinks options 1 and 3 are a better deal.

E.M. Watts Request

City Manager Hanken went over the staff report. He explained he had the opportunity to go out to the site a few times. He explained E.M. Watts (west of S.W. 4th Street) is under the jurisdiction of Columbia County. He explained on the north side of the road, a strip of land 480' long by 10' wide (4,800 sq. ft.) would be needed obtained in order to have consistent right of way to place a sidewalk. On the south side of the road, a sidewalk exists from along the Johanna Subdivision to the bridge. Approximately, a strip of land 380' long by 10' wide (3,800 sq. ft.) from the bridge to S.W. 4th Street would be needed to have a consistent right-of-way to place a sidewalk. As with the north side of the road, trees, relocating utilities, fences, and storm water issues would need to be addressed. The right-of-way can be obtained by; the property owner donating it, a government entity purchasing at an agreed upon value, or purchasing it through a condemnation process.

City Manager Hanken stated since the road is under county jurisdiction, the issue has been presented to the Columbia County Traffic Safety Committee.

Councilor Gedlich explained she thinks another thing we need to consider is if we even consider doing this with it not being the City jurisdiction is that we would be setting a precedence because people on JP West and EJ Smith would be saying that they want sidewalks.

City Manager Hanken replied he understands the precedence; however you go back in terms of cooperating and working together with the County he sees some positive benefits here. Councilor Ingham explained just doing the sidewalk on the south side would be the best band aid at this point until the street could be widened. She stated she went out to the site several times and it

was interesting to spend some time there and see the actual issue because it is a narrow road and it is definitely a safety issue for the kids.

Council President Bernhard stated he thinks we are all very aware of this particular road and the dangers that come along with it but he thinks in the mean time to continue to work with the County to come up with a potential resolution. He stated maybe we could have enhanced patrols on the road. He stated unfortunately right now we are not in the position to put a sidewalk there.

Councilor Gedlich stated maybe the bus barn could put up signs where the bus stops are.

Mayor Burge explained he agrees with Council President Bernhard regarding going down the right and doing what we can the police and the signage and even making sure the street lights are working properly.

Announcements

Mayor Burge went over the calendar.

Mayor Burge explained he will not be at the next Council meeting so Council President Bernhard will be running the meeting.

Council

Councilor Gedlich thanked staff for all their hard work.

Councilor Reed talked about the LOC Conference and thought it was informative. He said he had a good time and he thanked the City for sending him.

Mayor Burge recessed at 8:00 p.m. and then when into Executive Session at 8:05 p.m.

Executive Session

ORS 192.660 (2) (b) Litigation Likely to Occur

Adjournment

Mayor Burge came out of Executive Session and adjourned the meeting at 8:28 p.m.

Scott Burge, Mayor

Attest: _____
Susan M Reeves, CMC, City Recorder