

THURSTON COUNTY
WASHINGTON
SINCE 1852

DEVELOPMENT

COUNTY COMMISSIONERS
Cathy Wolfe
District One
Diane Oberquell
District Two
Kevin J. O'Sullivan
District Three

BOARD OF COUNTY COMMISSIONERS
OFFICE OF PROGRAM AND BUDGET

Nisqually Reach Shellfish Protection District
Stakeholder Group
Meeting Notes of October 2, 2002

Present

Committee: All members were present.
Alternates: Fred Michelson
Staff Present: Mark Swartout and Scott Clark
Guest Present: Tim Ransom

I. Administration:

- a. Introductions were made.
- b. Agenda approved.
- c. Meeting notes of August 7th and September 4th were approved.

II. Discussion of the Water Quality Public Workshop:

- a. Date/Time – October 28th from 7 to 8:30 PM.
- b. Meeting locations Nisqually Wildlife Refuge.
- c. Publicizing efforts were discussed.
 - i. Direct mailing of about 5700 post cards will be partly funded by Ecology.
 - ii. Press Release.
 - iii. Discussed stakeholder group activities as host including signing in, nametags, coffee, and cookies.

III. Updates:

- a. Discussed Commissioner Oberquell's proposal to use 50% of the Thurston Conservation District's Assessment to support programs to improve water quality within the Shellfish Protection District boundaries. (Copies of Olympian article were distributed.)
- b. TMDL – Debby Sargent's (Ecology) email was read – she is in the process of revising the monitoring plan.
- c. It was announced that the Puget Sound Action Team has replaced Tim Ransom with Stuart Glasoe. Stuart was unable to attend this meeting but expects to be able to make it in the future.

IV. Stormwater Discussion (Questions from Fred Michelson were distributed).

- a. Known stormwater outfalls from Development were presented.
 - i. Hidden Forest pumps to a surface discharge that flows across a wetland into McAllister Creek during high groundwater flooding. Water Quality tests have not detected Fecal Coliform.
 - ii. McAllister Treatment Upgrades and Evergreen Terrace have infiltration ponds.
- b. Question – are there dedicated maintenance funds for county facilities? Response – it is being incorporated into current budget.
- c. Suggestion – there needs to be a clearly identifiable activity when the responsibility for maintaining private stormwater ponds shifts from the developer to the Home Owner Association (HOA).
- d. Question – Will the County inspect a private stormwater pond? Response – yes if it’s within the Stormwater Utility Rate Boundary and a request has been made.
- e. There was a discussion on the Lacey’s (along with other jurisdictions) private stormwater facility maintenance workshops.
- f. Suggestion – Needs to be mechanism to enforce maintenance of private stormwater ponds.
- g. Capital Facilities Plan (CFP) Projects within the NRSPD boundaries (see attached CFP Project description). The Storm and Surface Water Advisory Board has reprioritized Capital Facilities to include shellfish issues.
 - i. Mallard Pond.
 - ii. Pacific Avenue Wetland
 - iii. Little McAllister Mouth
 - iv. Evergreen Terrace.
- h. Suggestion – The County should require a Performance Bond for stormwater facilities to work properly for one year after construction.
- i. Discussed the status of Nisqually Bluffs and Nisqually Bend developments.
- j. Informed that the Puget Sound Water Quality Action Team (PSWQAT) was not notified when a 37-acre clearcut was proposed within the SPD boundaries.

The PSWQAT’s Shellfish Response Strategy states Task N9.2: ”Inform the Implementation Review Committee (IRC) about pending development proposals within the watershed”. It is the responsibility of the IRC to inform any stakeholders. The IRC for the Nisqually is the Nisqually Tribe. A clearcut that would be for a change in landuse is a County regulatory function that would require SEPA review. Part of the SEPA review process in distribution for review and comment.

Response from Linda Witcher (Environmental Planner) provides additional information: The forest practice permit for the 37 acres at the intersection of Meridian and 46th NE was denied by the Hearing Examiner. A new proposal for this land is currently being reviewed by Development Services. Hawks Prairie LLC has requested a presubmission conference to look at developing a 39 lot subdivision.

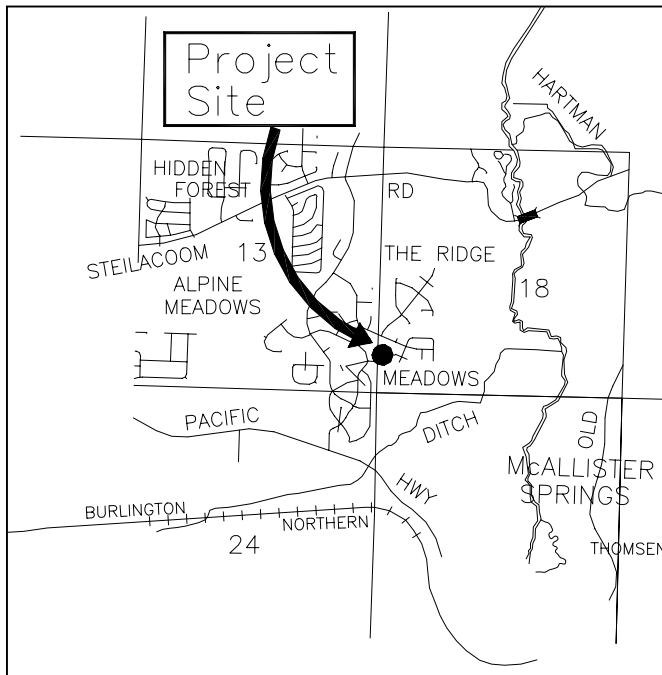
This application has been routed to Sue Davis. Development Services has requested that a representative from Health attend the presubmission conference to address the shellfish closure response issues.

- k. Work Plan discussion –
 - i. It was decided to break down into sub-groups by the topics in the draft report

outline. Those that signed into groups were:

1. Septic Systems – Donita, Linda (lead), Pam, and Tris
 2. Stormwater – Greg, Tris, Lisa/Eric/ Bryan, Fred, and David (lead).
 3. Agriculture – Jeff (lead), Matt, and David.
 4. Land-use – Bryan (lead), Fred, and David.
 5. Wildlife – Chris, Pam (lead), and Matt.
 - a. Issues include DNA analysis and changes in contribution over time.
 6. Background – Mark, Greg, and Tris.
- ii. Each sub-group will meet:
1. Begin writing “white papers”.
 2. Identify the important issues.
 3. Schedule future meetings.
 4. Identify what more is needed to know to develop recommendations.
- V. Agenda for the November 6th meeting – Matt Smith is the chair.
- a. Administration.
 - i. Introductions (?), Agenda, and approve meeting notes.
 - ii. Discuss whether to continue to rotate chairs and if so need to list December through July with volunteers.
 - b. Updates including TMDL project, TCD Assessment, Natural Lands Comprehensive Plan, and any other issues.
 - c. Review possible “white paper” format examples.
 - d. Subcommittee meeting outcomes and break out meetings.
 - e. Update on work by Henderson Shellfish Protection District committee.
 - f. Need to discuss whether to continue having a revolving chair.
- VI. Future meeting dates and chairs:
- a. December 4th – Chair TBA.
- VII. Public Comment – none during the allotted time.
- VIII. Adjourn at 9:00 PM

Mallard Pond



DESCRIPTION: Increase the storage capacity of Mallard pond, install controlled release structures in existing ponds.

LOCATION: Meadows Subdivision, south of Mallard Drive. Sec. 13, T18N - 01W.

JUSTIFICATION (Need/Demand): Stormwater from the Meadows Subdivision currently discharges through a series of detention ponds located southeast of the intersection of Goldenrod Drive and Mallard Court. These ponds are being overwhelmed by the inflow of stormwater and release structures and do not meet current drainage manual standards.

These conditions have caused severe channel erosion in the Little McAllister Creek ravine. Channel instability has degraded spawning habitat in Little McAllister Creek. Future development in the Meadows and McAllister Park will exacerbate this existing problem.

IMPLICATION OF NOT DOING THE PROJECT(S): Continued destabilization of Little McAllister Creek ravine, continued detrimental impact to salmon habitat Little McAllister Creek.

LINKS TO OTHER PROJECTS OR FACILITIES: Little McAllister Mouth (20 Year CFP) Pacific Avenue Wetland.

COMPREHENSIVE PLAN AND FUNCTIONAL PLAN(S) CITATIONS:

Comprehensive Plan: Capital Facilities, Goal 1, Objective B, Policy 1 & 2; Capital Facilities, Goal 3, Objective A, Policy 1; Natural Environment, Goal 1, Objective B, Policy 4; Natural Environment, Goal 2, Objective A, Policy 4 & 5; Natural Environment, Goal 2, Objective B, Policy 1 & 3; Natural Environment, Goal 2, Objective C, Policy 1 & 6; Natural Environment, Goal 2, Objective F, Policy 2; Land Use, Goal 1, Objective A, Policy 8.

McAllister/Eaton Creek Comprehensive Drainage Basin Plan, Recommendation 6.1.4.

Mallard Pond, page 2

LEVEL OF SERVICE (LOS): Service Level A

CAPITAL COSTS:

Prior Years	2003	2004	2005	2006	2007	2008	6 YR. TOTAL
\$62,200	\$72,190	\$314,640					\$386,830

FUNDING SOURCES	2003	2004	2005	2006	2007	2008	6 YR. TOTAL
SSWU CFP	\$72,190	\$314,640					\$386,830

ANNUAL OPERATIONS AND MAINTENANCE:

Estimated Costs - \$1,275

Estimated Revenues - Stormwater Utility Rates

Anticipated Savings Due to Project - Not identified

Department Responsible for Operations - Storm and Surface Water Utility

QUADRANT LOCATION:

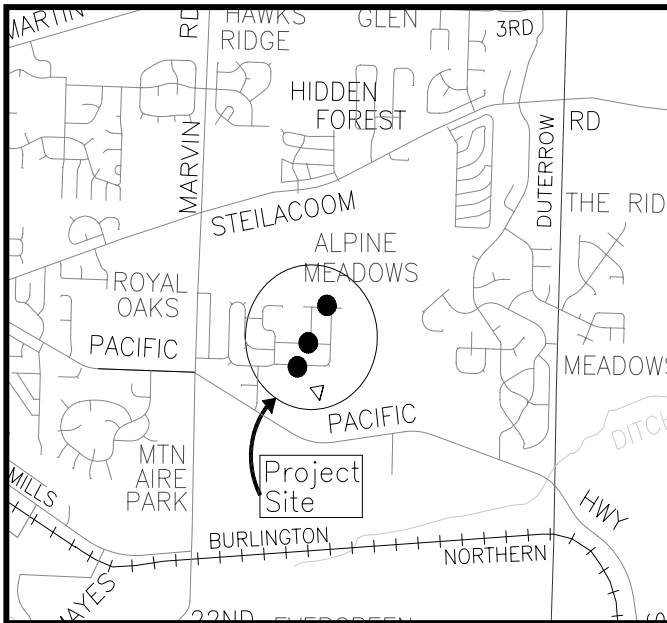
Rural NW Rural NE Rural SW Rural SE

Olympia UGA Tumwater UGA Lacey UGA

Yelm UGA Rainier UGA Tenino UGA

Evergreen Terrace

Stormwater Improvements



DESCRIPTION: Retrofit existing drywells with catch basins, upgrade conveyance system, and install pre-treatment system before infiltration in an underground retention system.

LOCATION: 8th Way at Tanbark, 9th Ave at Torrey Street, and 9th Way between Lawson and Tanbark.

JUSTIFICATION (Need/Demand): The performance of existing drywells in Evergreen Terrace is decreasing. These drywells were constructed prior to County established design standards and currently have no pre-treatment to protect groundwater quality. The runoff volume frequently exceeds the capacity of several

drywells, and as a result, flooding at several locations within Evergreen Terrace occurs. These locations are generally 8th Way SE at Tanbark Street SE, 9th Ave SE at Torrey Street SE, and 9th Way SE between Lawson Street SE and Tanbark SE.

IMPLICATION OF NOT DOING THE PROJECT(S): Continued nuisance flooding primarily of County roads in the vicinity in Evergreen Terrace; continued water quality threats to ground water from infiltration of untreated stormwater.

LINKS TO OTHER PROJECTS OR FACILITIES: None

COMPREHENSIVE PLAN AND FUNCTIONAL PLAN(S) CITATIONS:

Comprehensive Plan: McAllister/Eaton Creek Comprehensive Drainage Plan (1994), FL-1 (Tanbark Street and 8th Way SE)

Evergreen Terrace Stormwater Improvements, page 2

LEVEL OF SERVICE (LOS): Service Level B

CAPITAL COSTS:

Prior Years	2003	2004	2005	2006	2007	2008	6 YR. TOTAL
\$0						\$163,500	\$163,500

FUNDING SOURCES	2002	2003	2004	2005	2006	2007	6 YR. TOTAL
Unknown						\$163,500	\$163,500

ANNUAL OPERATIONS AND MAINTENANCE:

Estimated Costs - \$ 1,200 (approximately)
 Estimated Revenues - Stormwater Utility Rates
 Anticipated Savings Due to Project - Not identified
 Department Responsible for Operations – Not identified

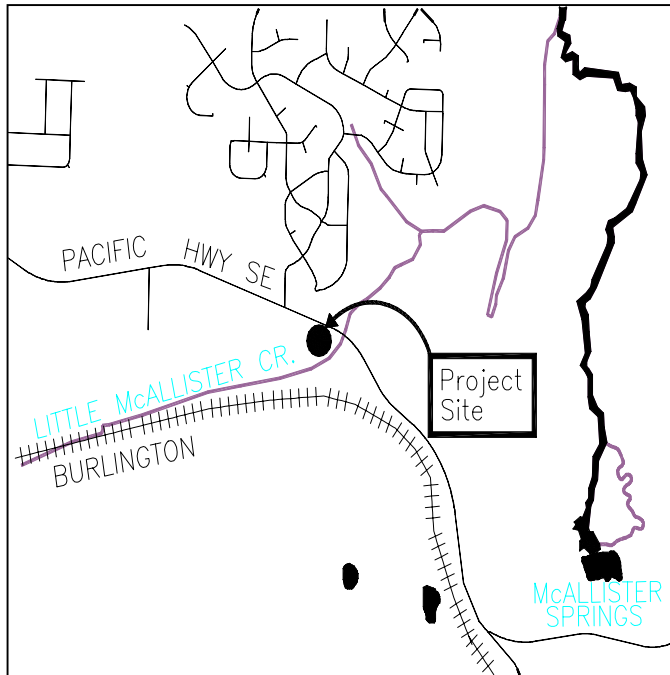
QUADRANT LOCATION:

Rural NW Rural NE Rural SW Rural SE
 Olympia UGA Tumwater UGA Lacey UGA
 Yelm UGA Rainier UGA Tenino UGA

Pacific Avenue Wetland, Phase 1

DESCRIPTION: Outlet control structure with one foot of detention, outlet channel improvements and land acquisition.

LOCATION: Adjacent to Pacific Highway on south side, east of Rockress Drive. McAllister Basin, Sec. 24, T18N - 01W



JUSTIFICATION (Need/Demand): The conveyance channel, commonly referred to as the south branch, connects Pacific Avenue Wetland with Little McAllister Creek. The discharge of stormwater through this system from upland developments has caused severe channel erosion in the Little McAllister Creek ravine. Channel instability has degraded spawning habitat in Little McAllister Creek.

IMPLICATION OF NOT DOING THE PROJECT(S): Continued destabilization of Little McAllister Creek ravine, continued detrimental impact to salmon habitat in Little McAllister Creek.

LINKS TO OTHER PROJECTS OR FACILITIES: Pacific Avenue Wetland Phase 2, Little McAllister Mouth (20 Year CFP).

COMPREHENSIVE PLAN AND FUNCTIONAL PLAN(S) CITATIONS:

Comprehensive Plan: Capital Facilities, Goal 1, Objective B, Policy 1 & 2; Capital Facilities, Goal 3, Objective A, Policy 1; Natural Environment, Goal 1, Objective B, Policy 4; Natural Environment, Goal 2, Objective A, Policy 4 & 5; Natural Environment, Goal 2, Objective B, Policy 1 & 3; Natural Environment, Goal 2, Objective C, Policy 1 & 6; Natural Environment, Goal 2, Objective F, Policy 2; Land Use, Goal 1, Objective A, Policy 8

McAllister/Eaton Creek Drainage Basin Plan: Recommendation 6.1.3.

LEVEL OF SERVICE (LOS): Service Level A

Capital Costs:

Prior Years	2003	2004	2005	2006	2007	2008	6 YR. TOTAL
\$93,400	\$11,975	\$12,350	\$229,400				\$253,725

FUNDING SOURCES	2003	2004	2005	2006	2007	2008	6 YR. TOTAL
SSWU CFP	\$11,975	\$12,350	\$229,400				\$253,725

ANNUAL OPERATIONS AND MAINTENANCE:

Estimated Costs - \$905

Estimated Revenues - Stormwater Utility Rates

Anticipated Savings Due to Project - Not specifically identified

Department Responsible for Operations - Storm and Surface Water Utility

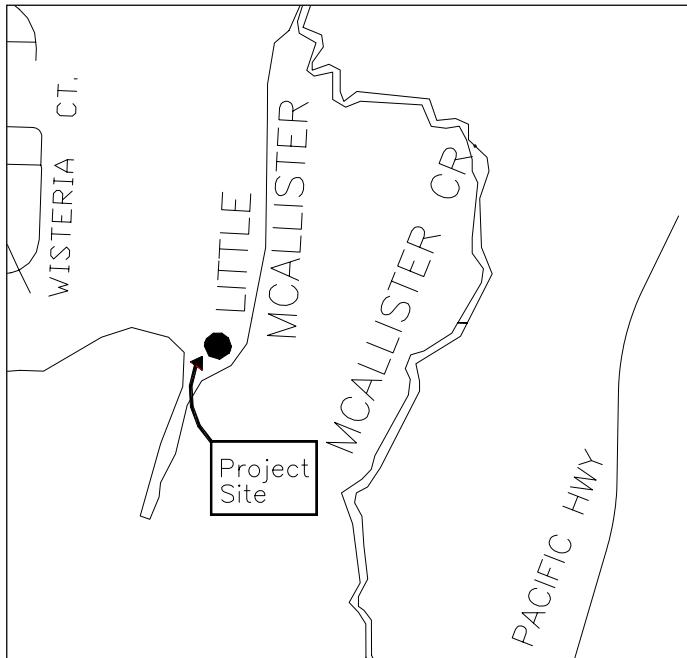
QUADRANT LOCATION:

Rural NW Rural NE Rural SW Rural SE

Olympia UGA Tumwater UGA Lacey UGA

Yelm UGA Rainier UGA Tenino UGA

Little McAllister Mouth



DESCRIPTION: Restore salmon habitat by removing tide gates and raising and existing access road for flood protection in association with unidentified partner.

LOCATION: McAllister Creek, South of Steilacoom adjacent to bluff. SEC18-T18N-01E

JUSTIFICATION (Need/Demand): The creek is inaccessible to fish when the tide gates are closed. When the tide gates are open, the flow is low and ill defined that fish cannot easily find the mouth of the creek.

IMPLICATION OF NOT DOING THE PROJECT(S): Spawning habitat will remain inaccessible to salmon.

LINKS TO OTHER PROJECTS OR FACILITIES: None

COMPREHENSIVE PLAN AND FUNCTIONAL PLAN(S) CITATIONS:

Comprehensive Plan: Capital Facilities, Goal 1, Objective B, Policy 1 & 2; Capital Facilities, Goal 3, Objective A, Policy 1; Natural Environment, Goal 1, Objective B, Policy 4; Natural Environment, Goal 2, Objective A, Policy 4 & 5; Natural Environment, Goal 2, Objective B, Policy 1 & 3; Natural Environment, Goal 2, Objective C, Policy 1 & 6; Natural Environment, Goal 2, Objective F, Policy 2; Land Use, Goal 1, Objective A, Policy 8

McAllister/Eaton Creek Comprehensive Drainage Basin Plan: Recommendation MC6.1.8:

Little McAllister Mouth, page 2

LEVEL OF SERVICE (LOS): Service Level B

CAPITAL COSTS:

Prior Years	2003	2004	2005	2006	2007	2008	6 YR. TOTAL
\$0				\$25,000			\$25,000

FUNDING SOURCES	2003	2004	2005	2006	2007	2008	6 YR. TOTAL
Unknown				\$25,000			\$25,000

ANNUAL OPERATIONS AND MAINTENANCE:

Estimated Costs - \$1,168

Estimated Revenues - Stormwater Utility Rates, provided funding is approved

Anticipated Savings Due to Project -

Department Responsible for Operations - Storm and Surface Water Utility

QUADRANT LOCATION:

Rural NW Rural NE Rural SW Rural SE

Olympia UGA Tumwater UGA Lacey UGA

Yelm UGA Rainier UGA Tenino UGA