

**A G E N D A**

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**METRO**

**Agenda**

MEETING: METRO COUNCIL WORK SESSION MEETING  
DATE: September 14, 2004  
DAY: Tuesday  
TIME: 2:00 PM  
PLACE: Metro Council Chamber

**CALL TO ORDER AND ROLL CALL**

- |         |    |  |                  |
|---------|----|--|------------------|
| 2:00 PM | 1. | <b>DISCUSSION OF AGENDA FOR COUNCIL<br/>REGULAR MEETING, SEPTEMBER 16, 2004</b>  |                  |
| 2:15 PM | 2. | <b>RISK MANAGEMENT PRESENTATION</b>  | Stringer/Jemison |
| 3:00 PM | 3. | <b>NEW EXCISE TAX FUNDING FOR PARKS:<br/>PRIORITIES AND OPTIONS</b>  | Desmond          |
| 4:00 PM | 4. | <b>UPDATE ON TUALATIN BASIN APPROACH<br/>FOR THE FISH AND WILDLIFE HABITAT<br/>PROGRAM</b>   | Deffebach/Curtis |
| 4:30 PM | 5. | <b>CITIZEN COMMUNICATION</b>   |                  |
| 4:40 PM | 6. | <b>EXECUTIVE SESSION HELD PURSUANT TO<br/>ORS 192.660 (1) (d) FOR THE PURPOSE OF<br/>DELIBERATING WITH PERSONS DESIGNATED<br/>TO CONDUCT LABOR NEGOTIATIONS.</b> | Dull             |
| 4:55 PM | 7. | <b>CHIEF OPERATING OFFICER COMMUNICATION</b>   |                  |
| 5:05 PM | 8. | <b>COUNCILOR COMMUNICATION</b>   |                  |

**ADJOURN**

Agenda Item Number 2.0

***RISK MANAGEMENT PRESENTATION***

Metro Council Work Session  
Tuesday, September 14, 2004  
Metro Council Chamber

## METRO COUNCIL

### Work Session Worksheet

Presentation Date: Sept 14 2004 Time: 2 pm Length: 45 minutes

Presentation Title: Risk Management Fund

Department: Finance and Administrative Services

Presenters: William Stringer, Chief Financial Officer, Bill Jemison, Risk Manager

#### ISSUE & BACKGROUND

Risk management revolves on three major activities: identify potential risk situations, prevent accidents or liability, and fund or mitigate those risks that cannot be avoided or transferred to another party. To accomplish this requires constant monitoring and analysis of exposures on a wide variety of fronts in essentially in three major areas.

Those areas are workers' compensation, general liability and environmental liability.

#### OPTIONS AVAILABLE

To determine the appropriate option to take, certain steps are required.

An actuarial study on a regular basis is required to determine the potential risk and the attendant costs as documented liabilities.

Based on the actuarial analysis, management can determine the appropriate funding level of the fund to make it sufficient to finance the potential exposures.

As adjunct questions, management must know whether the funds can be accounted for separately, or are they fungible (interchangeable or able to be commingled). What is appropriate from an accounting standpoint and from a business perspective?

Based on those answers, should the allocation be decreased, maintained, or increased? Last year the Council voted to allocate \$1.5 million annually towards the funding.

If catastrophic losses occur and requirements exceed resources, identify other avenues of funding.

#### IMPLICATIONS AND SUGGESTIONS

General Accepted Accounting Principles (GAAP) directs that any reasonably probable expense must be accounted as a liability. Both workers compensation and general liability are currently expensed, however, the environmental liability

is not. The actuarial study indicated that a probable environmental exposure of \$5,225,000 exists, based on the real property Metro owns. Given the GAAP principle, this must now be listed as a liability.

It is important to remember that although expensed as a liability, the funds remain with Metro, as the liability is a "probable" expense, not an actual expense.

When all three exposures are expensed, the Risk Fund beginning fund balance becomes \$165,000. With the \$1,500,000 annual allocation from the departments, the Fund remains solvent and continues to fund the exposures in terms of GAAP.

**QUESTION(S) PRESENTED FOR CONSIDERATION.**

Do you see this as the most prudent and fiscally responsible approach to the funding of the three major risk areas; workers' compensation, general liability and environmental liability?

**LEGISLATION WOULD BE REQUIRED FOR COUNCIL ACTION      No**

**SCHEDULE FOR WORK SESSION**

Department Director/Head Approval \_\_\_\_\_

Chief Operating Officer Approval \_\_\_\_\_

Agenda Item Number 3.0

***NEW EXCISE TAX FUNDING FOR PARKS: PRIORITIES AND OPTIONS***

Metro Council Work Session  
Tuesday, September 14, 2004  
Metro Council Chamber

## **METRO COUNCIL**

### **Work Session Worksheet**

**Presentation Date:** Aug 3, 2004; Aug. 10, 2004   **Time:**                   **Length: 1 hr**

**Presentation Title:** New excise tax funding for parks: priorities and options

**Department:** Parks and Greenspaces

**Presenters:** Jim Desmond, Jeff Tucker ; Also invited: Heather Nelson  
Kent, Dan Kromer, Jim Morgan, Nancy Chase

### **ISSUE & BACKGROUND**

The Council recently approved and dedicated a \$1.50/ton increase on solid waste excise tax for Parks & Greenspaces, specifically to build and open some of the newly acquired open spaces sites and increase the restoration and enhancement of open space properties. Staff is seeking Council direction about its priorities in order to develop a detailed work plan outlining the expenditure of these new funds.

The original scenarios that staff prepared and reviewed with Council in prior retreats were based on a proposal that would have increased the solid waste excise tax by \$3.00/ton. Later that was revised to \$2.50/ton, and at that sum staff continued to project that four (4) new sites could be opened to the public -- Cooper Mountain, Graham Oaks Natural Area (Wilsonville), Mt. Talbert, and Willamette Cove.

Staff has scheduled three work sessions with Council (Aug. 3, Aug 10, and Sept. 14). At the first session, staff will briefly outline the revisions and reductions to the existing work plan that will be required if the new excise tax remains at \$1.50/ton and is not increased to \$2.50/ton next year. It is noted that this year's budget narrative assumed an additional \$1.00/ton in next year's budget.

Most of the first session (Aug. 3) will be taken up with an exercise where staff will ask the Council to outline and rank in priority order a number of "guiding principles" that direct Metro Parks and Greenspaces programs and activities (similar to the exercise Council did last year with Solid Waste and Recycling department). A rough discussion draft, by no means exhaustive or definitive, is included as Attachment A hereto, to get the discussion started.

Based on the Council's identified priorities, and the feedback given on the question of \$1.50/ton vs. \$2.50/ton in future years, staff will present a revised spreadsheet of projects that could be completed, and the estimated cost and timing of each at the second work session (Aug. 10). Council will be asked to review those projects and give feedback on the department's revised proposed work program and specific feedback on some strategic implementation questions.

At the third work session (Sept. 14), staff will present a complete work plan for review and discussion based on Council directions and prioritization from the two August sessions.

### **OPTIONS AVAILABLE**

See attached draft of some possible guiding principles.

Aug. 10 session will examine various project options as outlined on attached spreadsheets.

### **IMPLICATIONS AND SUGGESTIONS**

The number, extent and timing of projects are heavily impacted by whether or not the excise tax increase in future years is \$1.50 or \$2.50/ton. Attached hereto are copies of staff's most recent drafts of a spreadsheet showing the timing and projects that could be completed under a \$2.50 and a \$1.50/ton scenario. Note that at \$1.50/ton, only one rather than four new sites could likely be opened to the public. Staff assumes here that the Department should follow current adopted policy on first funding renewal and replacement of existing facilities, which would commit a significant amount of the new excise tax money as shown on attached spreadsheets.

Staff will review status of renewal and replacement funding for existing facilities.

### **QUESTION(S) PRESENTED FOR CONSIDERATION**

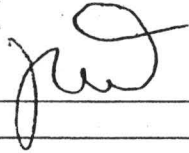
1. Identify and prioritize the **guiding principles** that should direct Metro's Parks and Greenspaces projects and programs.
2. Confirm staff assumption of **priority of first funding renewal and replacement** of existing facilities at the level required under Metro Council current policy.
3. Discuss with staff the ranking of **specific potential projects** (e.g. Is opening a particular new open space site to the public a higher priority than doing the best possible restoration of habitat on that or other sites? Should staff work first to open Cooper Mountain, Graham Oaks Natural Area or Mt. Talbert? etc.).
4. In prioritizing these sites for development and habitat improvements, how important is **leverage and contributions** from local partners? Is garnering outside funding more important than regional equity (geographically, or otherwise, defined)? Should Metro use its capital money as potential match to encourage contributions from partners?
5. **Should Metro prepare to solely operate these sites?** Would the Council consider passing this newly dedicated excise tax revenue for **park operations** to other park providers instead of Metro directly managing? What about capital construction costs? Would Metro pass through capital dollars to other jurisdictions to manage site

development? How do we measure the value of potential cost savings or efficiencies against the loss of control and visibility? How much will Metro's reputation benefit from direct management of these natural area sites now and in the future? Is direct management necessary in order to establish Metro's role as a "regional" park provider? Can we insure Metro accountability to the public if management responsibilities and funding are given to another agency?

**LEGISLATION WOULD BE REQUIRED FOR COUNCIL ACTION** \_\_ Yes X No  
**DRAFT IS ATTACHED** \_\_ Yes X No

**SCHEDULE FOR WORK SESSION**

Department Director/Head Approval \_\_\_\_\_  
Chief Operating Officer Approval \_\_\_\_\_

A handwritten signature in black ink, appearing to be 'JW', is written over the signature lines for both the Department Director/Head and the Chief Operating Officer.



## **GUIDING PRINCIPLES**

- Renewal and replacement of existing facilities
- Regional equity- distribution of facilities and programs
- Habitat restoration – taking care of what we have
  - Is okay good enough?
  - Should sites be better than prior to Metro ownership?
- Public access to purchased open spaces
- Future maintenance costs
  - Minimize or provide for infrastructure and habitat
  - Is keeping future costs down a guiding principle?
- Partnerships
  - Maximize leverage – capital and operating
  - ( = diminishes Metro visibility, control and quality)
- Readiness for future acquisitions
- Trails and direct contribution
- Technical capacity for locals
  - Acquisition, restoration, trails
- Integration with broader agency goals





***UPDATE ON TUALATIN BASIN APPROACH FOR THE FISH AND WILDLIFE HABITAT PROGRAM***

Metro Council Work Session  
Tuesday, September 14, 2004  
Metro Council Chamber

## **METRO COUNCIL**

### **Work Session Worksheet**

Presentation Date: September 14, 2004

Time:

Length: 30 min

Presentation Title: Update on Tualatin Basin Approach for the Fish and Wildlife Habitat Program

Presenters: Deffebach, Curtis

#### **ISSUE & BACKGROUND**

Council has had several briefings and opportunities to discuss the Tualatin Basin Approach to Fish and Wildlife Habitat protection. If approved by Metro Council, the Tualatin Basin Approach will become part of the Regional Approach, per the Tualatin Basin/Metro IGA. In order to address a variety of issues, the Tualatin Basin Natural Resources Coordinating Committee extended their schedule. Currently, the schedule calls for discussing outstanding issues at their September 13 meeting and reaching a tentative decision on the habitat protection program on September 27. Staff would then finalize the program, per TBNRCC direction, and produce final documentation to forward for Metro Council consideration.

At the September 14<sup>th</sup> work session, Councilors will have the opportunity to review these outstanding issues while they are still under discussion by the TBNRCC. At the September 27<sup>th</sup> meeting, Councilors Hosticka and McLain, non-voting members of the TBNRCC, will have the opportunity to any raise significant issues that Metro Council may have prior to TBNRCC action. Examples of relevant issues for review include:

- Review of the program for its feasibility to improve the overall environmental health of the Tualatin Basin, as specified in the IGA.
- Review of elements that are similar but different from Metro's expressed intent to date, such as the residential exemption issue.
- Review of proposals to mitigate for potential loss to development capacity and habitat quality.

The Tualatin Basin Approach continues to be shaped and refined by the TBNRCC. The work session is an opportunity for Councilors to remain up-to-date on the program and to use this time to identify issues that the Council may have as early as possible.

#### **OPTIONS AVAILABLE**

The Council Informal is an opportunity for the Council to review and discuss the elements of the Tualatin Basin Program.

#### **IMPLICATIONS AND SUGGESTIONS**

This presentation continues the briefings that Council has had on the Tualatin Basin Approach and gives the Councilors an opportunity to ask questions or raise issues that

they anticipate could be a concern as Metro considers the Approach as part of the Regional Program.

**QUESTION(S) PRESENTED FOR CONSIDERATION**

Staff requests that Councilors consider the adequacy of how the Tualatin Basin is proposing to protect and improve the overall environmental health of the basin, as they have agreed to do in the IGA, as well as other issues for compatibility with regional policy.

**LEGISLATION WOULD BE REQUIRED FOR COUNCIL ACTION** Yes  X

No

**DRAFT IS ATTACHED**  Yes  X No

Department Director/Head Approval \_\_\_\_\_

Chief Operating Officer Approval \_\_\_\_\_

091404c-01

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METRO

Agenda

MEETING: METRO COUNCIL REGULAR MEETING  
DATE: September 16, 2004  
DAY: Thursday  
TIME: 2:00 PM  
PLACE: Metro Council Chamber

CALL TO ORDER AND ROLL CALL

1. INTRODUCTIONS

2. CITIZEN COMMUNICATIONS

3. TELECOMMUNICATIONS JOINT PROJECT Dow

4. CONSENT AGENDA

4.1 Consideration of Minutes for the September 9, 2004 Metro Council Regular Meeting.

5. ORDINANCES – FIRST READING

5.1 **Ordinance No. 04-1059**, For the Purpose of Amending Metro Code Title IV Oregon Zoo Regulations, Metro Code Section 4.01.020 Definitions; Metro Code Section 4.01.050 Admission Fees and Policies, and Metro Code Section 4.01/070 Parking Regulations, Effective January 1, 2005.

6. RESOLUTIONS

6.1 **Resolution No. 04-3493**, For the purpose of appointing additional Newman  
Members to the Fish and Wildlife Habitat Program Implementation  
Work Group.

7. CONTRACT REVIEW BOARD

7.1 **Resolution No. 04-3492**, For the Purpose of Approving the Release of a Park  
Request for Bid and Award of Contract for Phase 1 of the M. James Gleason  
Boat Ramp Upgrade Project.

8. CHIEF OPERATING OFFICER COMMUNICATION

9. COUNCILOR COMMUNICATION

ADJOURN

**Television schedule for September 16, 2004 Metro Council meeting**

<b>Clackamas, Multnomah and Washington counties, and Vancouver, Wash.</b> Channel 11 -- Community Access Network <a href="http://www.yourtvvtv.org">www.yourtvvtv.org</a> -- (503) 629-8534 Thursday, September 16 at 2 p.m. (live)	<b>Washington County</b> Channel 30 -- TVTV <a href="http://www.yourtvvtv.org">www.yourtvvtv.org</a> -- (503) 629-8534 Saturday, September 18 at 11 p.m. Sunday, September 19 at 11 p.m. Tuesday, September 21 at 6 a.m. Wednesday, September 22 at 4 p.m.
<b>Oregon City, Gladstone</b> Channel 28 -- Willamette Falls Television <a href="http://www.wftvaccess.com">www.wftvaccess.com</a> -- (503) 650-0275 Call or visit website for program times.	<b>West Linn</b> Channel 30 -- Willamette Falls Television <a href="http://www.wftvaccess.com">www.wftvaccess.com</a> -- (503) 650-0275 Call or visit website for program times.
<b>Portland</b> Channel 30 (CityNet 30) -- Portland Community Media <a href="http://www.pcmv.org">www.pcmv.org</a> -- (503) 288-1515 Sunday, September 19 at 8:30 p.m. Monday, September 20 at 2 p.m.	<b>Gresham</b> Channel 30 -- MCTV <a href="http://www.mctv.org">www.mctv.org</a> -- (503) 491-7636 <b>Monday, September 20 at 2 p.m.</b>

**PLEASE NOTE: Show times are tentative and in some cases the entire meeting may not be shown due to length. Call or check your community access station web site to confirm program times.**

Agenda items may not be considered in the exact order. For questions about the agenda, call Clerk of the Council, Chris Billington, (503) 797-1542. Public Hearings are held on all ordinances second read and on resolutions upon request of the public. Documents for the record must be submitted to the Clerk of the Council to be considered included in the decision record. Documents can be submitted by e-mail, fax or mail or in person to the Clerk of the Council. For additional information about testifying before the Metro Council please go to the Metro website [www.metro-region.org](http://www.metro-region.org) and click on public comment opportunities. For assistance per the American Disabilities Act (ADA), dial TDD 797-1804 or 797-1540 (Council Office).



0914046-02

## Risk Management Council Presentation 9/14/2004

**Bridgewater Group (environmental assessment) key findings:**

1. Environmental "expected losses" decreased to \$5,225,000 in 2004 from \$9,719,000 in 1999.

**PriceWaterHouse Coopers (PWC) key findings:**

2. Current actuarial report recommendations for general liability (GL) & work comp (W/C) losses are reasonable.

3. Environmental liabilities have not been recorded in financial statements similiarly to GL & WC.

	Projections*					*Assumes
	04-05	05-06	06-07	07-08	08-09	
Beginning fund balance*						\$1,500,000
4. before expensing environmental liabilities	\$5,390,397	\$5,485,886	\$5,682,684	\$5,738,545	\$5,762,606	in allocated costs to departments.
5. after expensing environmental liabilities	\$ 165,397	\$ 260,886	\$ 457,684	\$ 513,545	\$ 537,606	
6. Summary of expensed liabilities:						
Environmental	\$5,225,000					9. Total Revenue \$ 1,784,792
GL	\$573,178					Total Expense \$ 1,733,444
<u>W/C</u>	<u>\$414,357</u>					Difference \$ 51,348
Total	\$6,212,535					
7. Averaged future revenue (excluding Health insurance revenue)						
Cost allocation	\$ 1,328,000					
Unemployment	\$ 356,462					
<u>Interest</u>	<u>\$ 100,330</u>					
Total revenue	\$ 1,784,792					
8. Averaged future expenses (excluding Health insurance expense)						
PS	\$ 151,381		8%	of total revenue		
Insurance	\$ 628,813		35%	of total revenue		
Claims paid	\$ 829,175		46%	of total revenue		
<u>Misc M&amp;S</u>	<u>\$ 124,075</u>		7%	Note (\$46,722 is Health & Welfare benefits administration)		
Total expenses	\$ 1,733,444					

Revenues	"Worst Case Scenario"	"Best Case Scenario"	Original Proposal (\$2.50/ton)
Excise Tax	<ul style="list-style-type: none"> <li>\$1.50 per ton begins September 2004, grows at rate of 2.7% annually</li> </ul>	<ul style="list-style-type: none"> <li>\$1.50 per ton begins September 2004, grows at rate of 2.7% annually</li> </ul>	<ul style="list-style-type: none"> <li>\$1.50 per ton begins August 2004. \$2.50 per ton begins July 2005, grows at rate of 2.7% annually</li> </ul>
Partner Contributions	<ul style="list-style-type: none"> <li>100% of operations for Willamette Cove and Mt Talbert paid by partners</li> </ul>	<ul style="list-style-type: none"> <li>\$300,000 for each major site in grant revenues to support capital</li> <li>50% of operations for Graham Oaks and Cooper Mountain paid by partners</li> <li>100% of operations for Mt Talbert and Willamette Cove paid by partners</li> </ul>	<ul style="list-style-type: none"> <li>100% of operations for Willamette Cove paid by partners</li> </ul>

Expenditures	"Worst Case Scenario"	"Best Case Scenario"	Original Proposal (\$2.50/ton)
Construction Project Mgmt	<ul style="list-style-type: none"> <li>Project Manager (1.0 FTE) eliminated FY06</li> </ul>	<ul style="list-style-type: none"> <li>Project Manager (1.0 FTE) eliminated FY06</li> </ul>	<ul style="list-style-type: none"> <li>Project Manager (1.0 FTE) retained through completion of capital projects</li> </ul>
Mt. Talbert Natural Area	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2007</li> <li>Habitat Restoration at \$175,000 beginning FY07</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2007</li> <li>Habitat Restoration at \$175,000 beginning FY07</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2007</li> <li>Habitat Restoration at \$325,000 beginning FY07</li> </ul>
Cooper Mountain Natural Area	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2008</li> <li>Habitat Restoration at \$375,000 beginning FY09</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2008</li> <li>Habitat Restoration at \$500,000 beginning FY09</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2009</li> <li>Habitat Restoration at \$600,000 beginning FY08</li> </ul>
Graham Oaks Natural Area	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2010</li> <li>Habitat Restoration at \$415,000 beginning FY06</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2010</li> <li>Habitat Restoration at \$600,000 beginning FY06</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2006</li> <li>Habitat Restoration at \$500,000 beginning FY06</li> </ul>
Willamette Cove Natural Area	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2010</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2010</li> </ul>	<ul style="list-style-type: none"> <li>Completed and opened Summer/Fall 2010</li> </ul>
Renewal & Replacement	<ul style="list-style-type: none"> <li>Reduced 30% (\$150,000 annually) from FY06 to FY11</li> <li>R&amp;R Project manager (0.5 FTE) eliminated in FY08</li> </ul>	<ul style="list-style-type: none"> <li>Reduced 10% (\$50,000 annually) from FY06 to FY09</li> <li>R&amp;R Project manager (0.5 FTE) eliminated in FY08</li> </ul>	<ul style="list-style-type: none"> <li>Fully funded</li> <li>R&amp;R Project manager (0.5 FTE) maintained</li> </ul>
Natural Resources Stewardship	<ul style="list-style-type: none"> <li>Current staff off bond measure in FY06</li> <li>\$40,000 increase in M&amp;S beginning FY05, additional \$100,000 (total \$140,000) beginning FY11</li> <li>Beginning FY11, 1.0 FTE Ranger hired to support Natural Resources Stewardship activities</li> </ul>	<ul style="list-style-type: none"> <li>Current staff off bond measure in FY06</li> <li>\$40,000 increase in M&amp;S beginning FY05, additional \$100,000 (total \$140,000) beginning FY09</li> <li>Beginning FY11, 1.0 FTE Ranger, 2.0 FTE Seasonal Workers and 1.0 FTE Supervisor hired to support Natural Resources Stewardship activities</li> </ul>	<ul style="list-style-type: none"> <li>Current staff off bond measure in FY06</li> <li>\$40,000 increase in M&amp;S beginning FY05, additional \$100,000 (total \$140,000) beginning FY06</li> <li>Beginning FY07, 1.0 FTE Ranger, 2.0 FTE Seasonal Workers and 1.0 FTE Supervisor hired to support Natural Resources Stewardship activities</li> </ul>
Environmental Education	<ul style="list-style-type: none"> <li>0.5 FTE Naturalist hired in FY11, converts to 1.0 FTE in FY12</li> </ul>	<ul style="list-style-type: none"> <li>0.5 FTE naturalist hired in FY10, increases to 2.0 FTE in FY12</li> </ul>	<ul style="list-style-type: none"> <li>0.5 FTE naturalist hired in FY06, increases to 2.0 FTE in FY08</li> </ul>
Volunteer Program	<ul style="list-style-type: none"> <li>0.5 FTE Volunteer Services program assistant hired in FY07, increases to 1.0 FTE in FY11</li> </ul>	<ul style="list-style-type: none"> <li>0.5 FTE Volunteer Services program assistant hired in FY07, increases to 1.0 FTE in FY09</li> </ul>	<ul style="list-style-type: none"> <li>0.5 FTE Volunteer Services program assistant hired in FY07</li> </ul>
Technical Services - Acquisition	<ul style="list-style-type: none"> <li>Technical services provided to other agencies through fee-for-service program</li> <li>Current staff retained through fees and by charging to "Stabilization Reserve", through FY07</li> </ul>	<ul style="list-style-type: none"> <li>Technical services provided to other agencies through fee-for-service program</li> <li>Current staff retained through fees and by charging to "Stabilization Reserve", through FY07</li> </ul>	<ul style="list-style-type: none"> <li>Technical services provided to other agencies through fee-for-service program</li> <li>Current staff retained through fees and excise tax</li> </ul>
Regional Trails Support	<ul style="list-style-type: none"> <li>There is no excise tax support for trail feasibility studies or MTIP match</li> </ul>	<ul style="list-style-type: none"> <li>There is no excise tax support for trail feasibility studies or MTIP match</li> </ul>	<ul style="list-style-type: none"> <li>\$20,000 annually for trail feasibility studies</li> <li>\$100,000 annually to support Trails ROW purchases or provide MTIP match</li> </ul>
Administrative Support	<ul style="list-style-type: none"> <li>Includes 1.0 FTE in administrative support beginning September 2004. Procurement assitant 0.5 FTE in FY11</li> </ul>	<ul style="list-style-type: none"> <li>Includes 1.0 FTE in administrative support beginning September 2004. Procurement assitant 0.5 FTE in FY11</li> </ul>	<ul style="list-style-type: none"> <li>Includes 1.0 FTE in administrative support beginning September 2004. Procurement assitant 0.5 FTE in FY06</li> </ul>
Support for Data Resources Center	<ul style="list-style-type: none"> <li>Includes additional support for DRC of \$75,000 annually beginning FY05</li> </ul>	<ul style="list-style-type: none"> <li>Includes additional support for DRC of \$75,000 annually beginning FY05</li> </ul>	<ul style="list-style-type: none"> <li>Includes additional support for DRC of \$75,000 annually beginning FY05</li> </ul>

091404c-03







# Proposed Tualatin Basin Goal 5 Program Overview



09/14/04-04

MAJOR PROGRAM COMPONENTS

NON-REGULATORY	OPTIONS	<ul style="list-style-type: none"> <li>education</li> <li>stewardship recognition</li> <li>restoration funds</li> <li>tax incentives</li> <li>technical assistance</li> <li>promote volunteer activities</li> <li>acquisition</li> </ul>	funding source: a portion of SWM fee increase					
REGULATORY	APPLICABILITY	URBAN	new development/redevelopment	<p><i>preserve existing system:</i></p> <ul style="list-style-type: none"> <li>resource protection and mitigation of disturbances</li> <li>applicable in inventoried resource areas</li> <li>incentives to minimize disturbance area (through mitigation requirement and through use of LID techniques to implement alternative stormwater management options per future CWS Design &amp; Construction Standards and Land Use code changes)</li> </ul>	LIMIT LEVEL DETERMINATION	<p>Strictly Limit (SL):</p> <ul style="list-style-type: none"> <li>emphasis on <b>avoidance</b></li> <li>development allowed only under limited circumstances</li> <li>disturbed areas must be mitigated</li> <li>discretionary review process</li> <li>must use tools to minimize disturbance area</li> </ul>	MITIGATION OPTIONS	<ul style="list-style-type: none"> <li>on-site</li> <li>off-site (some restrictions apply)</li> <li>fee in lieu of mitigation (see below)</li> </ul> <p>credit given toward mitigation requirements for enhancement of degraded vegetation conditions of resource areas on site (outside of vegetated corridor areas)</p>
				<p><i>mitigate future impacts:</i></p> <ul style="list-style-type: none"> <li>LID for EIA reduction (advanced stormwater management)</li> <li>applicable in inner impact and resource areas</li> <li>EIA targets determined by District; to be developed with draft stormwater management program</li> </ul>		<p>Moderately Limit (ML):</p> <ul style="list-style-type: none"> <li>emphasis on <b>minimization</b></li> <li>development allowed for up to 50% of resource area</li> <li>disturbed areas must be mitigated</li> <li>additional discretionary review process to allow up to 85% disturbance area for certain cases</li> <li>must use tools to minimize disturbance area</li> </ul>		
				<p><i>improve basin health:</i></p> <ul style="list-style-type: none"> <li>fund stream enhancement with SWM fee adjustment</li> <li>coordinate with Clean Water Services HSP for advanced stormwater management,</li> <li>applicable within urban areas of basin</li> </ul>	HSP ELEMENTS	<p>Lightly Limit (LL):</p> <ul style="list-style-type: none"> <li>emphasis on <b>mitigation</b></li> <li>development allowed with mitigation of disturbance areas</li> </ul>		
		new and existing development		BENEFITS	<p>habitat benefits:</p> <ul style="list-style-type: none"> <li>mitigates non-point source pollutants</li> <li>encourages tree preservation</li> <li>requires use of native species</li> </ul>			
		existing development	<ul style="list-style-type: none"> <li>first 200 square feet exempt</li> <li>allow on-going maintenance of existing lawn &amp; garden areas</li> <li>protect tree canopy and native vegetation in resource areas</li> </ul>		<p>hydrology benefits:</p> <ul style="list-style-type: none"> <li>manages stream flow</li> <li>implements Healthy Streams Plan</li> <li>increases design flexibility to achieve basin EIA targets (to be developed through future CWS Design &amp; Construction Standards)</li> </ul>			
		inventoried areas	<ul style="list-style-type: none"> <li>similar to program approach for urban area</li> <li>no mitigation requirements</li> </ul>		<ul style="list-style-type: none"> <li>stream enhancement &amp; preservation projects</li> <li>tree planting challenge</li> <li>culvert replacements</li> <li>outfall retrofits</li> <li>changes to stormwater and land use regulations to support more flexible approaches to advancing stormwater management</li> </ul>			
	RURAL	beyond inventoried areas	<ul style="list-style-type: none"> <li>existing Goal 5 program continues to apply</li> <li>formalizes 125 foot buffer for stream corridors; some reduction allowed through review process</li> <li>addresses Goal 6 issues through:                             <ul style="list-style-type: none"> <li>50 foot minimum "no touch" buffer for streams</li> <li>does not apply to farm and forest practices</li> </ul> </li> </ul>					
REVENUE	SOURCES	SWM fee adjustment	<ul style="list-style-type: none"> <li>based on existing SWM model</li> <li>\$127M over 20 years</li> <li>\$2.03 increase per EDU, to be phased in over time</li> </ul>					
		fee in lieu of on-site mitigation	<ul style="list-style-type: none"> <li>development-generated for disturbed resource areas that are not mitigated on- or off-site</li> <li>fees based on estimated adjusted cost of mitigation</li> <li>fee credit for on-site enhancement of degraded resource areas (outside of vegetated corridor)</li> </ul>	TARGETS	<ul style="list-style-type: none"> <li>fees generated will be used for riparian and upland projects, including enhancement, mitigation, and acquisition</li> <li>revenues will be directed toward projects within sub-basin where generated</li> </ul>			
		bond levies	<ul style="list-style-type: none"> <li>potential funding for regionally significant acquisitions</li> <li>may be modeled after MSTIP program</li> </ul>					
ADMINISTRATION and MONITORING		<ul style="list-style-type: none"> <li>extend role of TBNRCC for revenue management and project prioritization</li> <li>pool increased Goal 5 SWM fee revenue and fee in lieu revenue</li> <li>TBNRCC review of program and project list every five years</li> <li>coordinate with Metro and CWS regarding performance standards and monitoring, including CWS water quality monitoring activities for DEQ permit requirements</li> </ul>						

acronyms:

**CWS** – Clean Water Services  
**DEQ** – Department of Environmental Quality  
**EDU** – effective dwelling unit  
**EIA** – effective impervious area  
**HSP** – Healthy Streams Plan  
**LID** – low impact development  
**MSTIP** – major streets transportation improvement program  
**SWM** – surface water management  
**TBNRCC** – Tualatin Basin Natural Resources Coordinating Committee

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**TABLE 4-2 Projected Costs for Implementation of All Projects Identified as Priority 1-3 in RESTORE Model**

PROJECT DESCRIPTION	COST PER MILE	APPROXIMATE NUMBER OF MILES	TOTAL COSTS
Preservation (200' width / side of stream)	\$242,000.00	50	\$12,100,000.00
Flow Restoration (assumes 12 acres per mile irrigated offset)	\$45,000.00	170	\$7,650,000.00
Revegetation (50' width per side of stream)	\$200,000.00	140	\$28,000,000.00
Large Wood Placement	\$180,000.00	230	\$41,400,000.00
Channel and Wetland Enhancements <sup>1</sup>	\$250,000.00	40	\$10,000,000.00
In Stream Pond Adjustments	\$880,000.00	5	\$4,400,000.00
Streamside Property Owner Education & Tree Planting - (10' width per side of stream)	\$150,000.00	42	\$6,300,000.00
	COST PER FACILITY	APPROXIMATE NUMBER OF FACILITIES	
Stormwater Pretreatment Retrofit (average per facility) <sup>2</sup>	\$30,000.00	81	\$2,430,000.00
Culvert Repair <sup>3</sup>	\$41,600.00	355	\$14,768,000.00
<b>TOTAL ESTIMATED COSTS FOR PRIORITIES 1-3:</b>			<b>\$127,048,000.00</b>

1. Includes channel reconfiguration, bioengineering, gravel and boulder placement and off channel habitat
2. Identified through 1993 NPDES Outfall List. Average cost based upon estimates in Beaverton Contaminant Reduction Study
3. Identified through Fish Xing. Cost based upon average cost estimate of 60 variable size culverts in the Fanno Creek Watershed Plan

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