

**Appendix A:**  
**Tualatin River Watershed Council Charter and Vision Statement**

**TUALATIN RIVER WATERSHED COUNCIL  
CHARTER**

**Purpose**

The Tualatin River Watershed Council was formed to share information, reduce duplication of activities, and help address watershed management issues in the Tualatin River Watershed and provide a framework for coordination and cooperation among key interests.

**Mission**

To foster better stewardship and understanding of the Tualatin River Watershed resources, deal with issues in advance of resource degradation, and ensure sustainable watershed health, functions, and uses.

**Relationship to Decision-Making Bodies and Communities of Interest**

The Tualatin River Watershed Council is an advisory body to established decision-making bodies and communities of interest. As such, the Council makes recommendations concerning the protection, restoration, and enhancement of the quality of the Tualatin River Watershed.

The agencies, organizations, and interests represented on the Council are not obligated to adopt or carry out the recommendations of the Council, but will give due consideration to the recommendations and take actions they consider appropriate. The agencies, organizations, and interests will report back to the Council on any actions taken in response to Council recommendations.

The Council welcomes and will respond to requests for advice on actions affecting the watershed that are proposed by local, state, and federal agencies, organizations, or interests.

Council members will keep their respective agencies, organizations, and interests informed about the work of the Council and will bring their concerns to the Council.

**Goals and Objectives**

- Encourage coordinated efforts to increase education programs
- Improve communication among affected private individuals, interested citizens, business/industry, and representatives of local, state, and federal agencies.
- Establish a framework for coordination, cooperation, and citizen involvement
- Provide a forum for resolving problems and conflicts related to the Council's mission when all parties to the problem or conflict agree to refer the matter to the Council

- Provide ongoing program evaluation during implementation
- Promote ongoing monitoring of the health of the Tualatin River Watershed

### **Specific Tasks/Responsibilities**

- Establish a public involvement program to ensure an appropriate level of citizen participation in the Council’s work
- Utilize available resource information to determine the current condition and uses of the watershed
- Identify the desired conditions and uses of the watershed
- Encourage ongoing monitoring of the conditions of the watershed
- Help resolve issues among diverse interests in the watershed
- Seek funding to support program development and implementation, including funding from agencies represented on the Council
- Address the needs and concerns of the respective agencies, organization, and interests represented on the Council
- Adopt and implement a work program and monitor work program progress and budget
- Identify ongoing education programs in the watershed

### **Council Members**

The Tualatin River Watershed Council shall at all times include representatives from the following interests:

- |  |                                       |
|--|---------------------------------------|
| • Soil and Water Conservation District | • Citizen Participation Organizations |
| • Tualatin Valley Irrigation District  | • Citizens at Large                   |
| • Farm Bureau                          | • Cities                              |
| • Nursery Industry                     | • Counties                            |
| • Business/Industries                  | • Water Districts                     |
| • Home Builders/Development            | • Sewer Districts                     |
| • Chambers of Commerce                 | • Park and Recreation Districts       |
| • Educational Systems                  | • State Government                    |
| • Environmental Groups                 | • Federal Government                  |
| • Forest and Wood Products Industry    | • Research and Technical Organization |
| • Forest Landowners                    |                                       |

A majority of the members shall reside within the Tualatin River Watershed. Technical assistance, laws, and regulations may be provided by the Technical Assistance group who will serve as non-voting members.

The members shall serve at the pleasure of their respective agencies and organizations. Council members may designate an alternate who will participate on the Council in their absence.

The Council will act to replace members who resign or are unable to continue serving on the Council. The Council will strive to maintain continuity and the balance of interests by giving preference to representation from the same agencies and organizations at a similar or higher level position. The Council will request the agency or organization to nominate a replacement representative. If the agency or organization is unable or unwilling to do so, the Council will seek representation from another agency or organization of the same community of interest.

### **Organization and Procedures**

The Council will use a consensus decision-making process. Roberts Rules of Order shall be followed. The Council will select a chair or co-chairs to serve as spokesperson(s), prepare Council agendas, call and manage Council meetings, enforce ground rules, and perform other tasks as assigned by the Council. The Council may select other officers as needed.

The Council may form subcommittees of its own members and task groups that include individuals not on the Council to perform certain functions or focus on specific issues. The Council also will identify technical advisors who can provide technical data and assistance and call on these experts as needed.

The Council will seek funding for ongoing operations.

### **Amendments**

A Council member may propose amendments to the ground rules at any time. Amendments will become effective at the time proposed if all Council members are present and approve. Otherwise, amendments will become effective at the meeting following the proposal upon consensus of those present.

## TUALATIN RIVER WATERSHED VISION

### A BALANCED ECOSYSTEM THAT SUPPORTS A HEALTHY WATERSHED, PROVIDES FOR AN ECONOMIC BASE AND VIABLE COMMUNITIES

THE TUALATIN RIVER WATERSHED CONSISTS OF THE RIVER, ITS TRIBUTARIES, ITS GROUND WATER, AND THE LAND THAT DRAINS TO THEM. THE COMPONENTS LISTED BELOW MUST WORK IN HARMONY FOR THE VITALITY OF THE RIVER TO BE REALIZED. THE BASIN IS FAR LARGER THAN THE RIVER, ENCOMPASSING NEARLY ALL LANDS WITHIN WASHINGTON COUNTY AND SMALL AREAS OF MULTNOMAH, CLACKAMAS, YAMHILL, TILLAMOOK, AND COLUMBIA COUNTIES. WHEN PEOPLE THINK OF THE TUALATIN, THE RIVER MAY COME FIRST TO MIND, BUT THE ENTIRE DRAINAGE AREA IS VITAL TO THE HEALTH OF THE SYSTEM.

**Water Quality.** A watershed that contributes water of such quality that people can use it for consumption, recreation, work, and the support of terrestrial and aquatic life. A river and its tributaries that contain the highest achievable water quality that surrounding soils, rocks, natural vegetation, wildlife, ground water, and wise use of land resources will allow.

**Natural Resources.** A balanced ecosystem that supports its component parts throughout the Tualatin River watershed, including a varied habitat that thrives along the banks of the watershed's streams and river.

**Use of Resources.** Wise stewardship of the resource to maximizing their renewal and minimizing permanent loss.

**Land Use.** Recognition that owners of property within the watershed have land use rights, as well as responsibility to protect the welfare of the ecosystem through the use of their land.

**Recreation.** A watershed that provides various types of recreation and experiences that foster an appreciation of the watershed's natural resources including its rivers and streams.

**Economics.** A watershed that provides water quality and quantity sufficient to support a viable and healthy community, in which its citizens are proud to live, work, and recreate.

**Education.** An informed populace that understands and appreciates the river, its ecosystem, and needs – and works to achieve them.

## **Appendix B: Action Items and Associated Tasks**

### **Action #1: Assess watershed conditions to help prioritize restoration activities.**

- 1A: Assess key watersheds to determine best areas to manage, protect, and restore.
- 1B: Conduct stream habitat surveys and mapping.
- 1C: Inventory habitat for fish species and other significant fauna and flora.
- 1D: Determine functions and values of wetlands and uplands contained within the floodplain in terms of the effect on water quality, flood reduction, and wildlife usage and habitat.

### **Action #2: Conserve and improve fish and wildlife habitat (focusing on anadromous fish).**

- 2A: Promote and implement streambank and riparian restoration.
- 2B: Improve fish passage at identified priority artificial obstructions.
- 2C: Encourage placement of fish screens on water diversions in areas where fish may be present.
- 2D: Assess instream water rights for fish needs.
- 2E: Promote development of management plans for non-indigenous terrestrial and aquatic species.
- 2F: Identify priority habitat areas and suggest strategies for protection and management of wildlife purposes.

### **Action #3: Develop, support, and implement a broad-based education/outreach program focusing on reducing non-point source pollution and improving protection and management of riparian areas.**

- 3A: Work with local schools to enhance stewardship and science education by incorporating study of the Tualatin River and its watershed into science curricula.
- 3B: Conduct workshops for streamside residents focusing on environmentally-friendly riparian management practices (i.e. Naturescaping).
- 3C: Help develop, customize, and distribute education brochures, videos, and newsletters to provide information about proper riparian management and water quality improvement.
- 3D: Expand the Tualatin River Watershed Council speaker's bureau.

### **Action #4: Develop demonstration projects in priority areas to encourage restoration on private lands in cooperation with willing landowners.**

### **Action #5: Establish a Tualatin Watershed Resource Collection and web site.**

**Action #6: Promote management practices that improve watershed functions and protect values.**

- 6A: Evaluate management practices.
- 6B: Develop strategies to reduce soil erosion.
- 6C: Promote the improvement of soil quality in the Tualatin Watershed.
- 6D: Educate urban and rural landowners about agronomic levels of nitrogen (N) and phosphorus (P) applications to crops and landscaping
- 6E: Promote projects and developments that minimize effective impervious surfaces.
- 6F: Conduct road/ditch/culvert assessment, inventory, and maintenance training to reduce erosion and flooding.
- 6G: Support and enhance Integrated Pest Management (IPM).

**Action #7: Work with Tualatin Basin water managers to implement Integrated Water Resource Management strategy (IWRM).**

- 7A: Promote urban water conservation and re-use measures.
- 7B: Promote use of efficient irrigation systems.

**Action #8: Assist Designated Management Agencies with implementation of all non-point source water quality management plans.**

- 8A: Promote Senate Bill 1010 (Tualatin River Sub-basin Agricultural Water Quality Management Area Plan) process.
- 8B: Assist USA, cities, and counties with implementation of urban stream watershed plans.

**Action #9: Expand existing watershed monitoring programs to broaden citizen involvement and to create greater awareness.**

**Action #10: Promote recreational experiences that foster watershed stewardship.**

**Appendix C:  
Prioritization of Action Item Tasks**

<b>Highest Priority</b>	<b>Rating</b>
<b>2. Conserve and improve fish and wildlife habitat</b>	
Promote/implement streambank and riparian restoration	4.68
Promote development of management plans for non-indigenous species	4.32
<b>3. Develop, support, and implement education/outreach program</b>	
Work with local schools to enhance stewardship and science education	4.32
<b>6. Promote management practices that improve watershed functions</b>	
Promote the improvement of soil quality	4.84
Develop strategies to reduce soil erosion	4.68
Minimize increases in effective impervious surfaces	4.03
<b>7. Work with Tualatin Basin water managers to implement IWRM strategy</b>	
Promote urban conservation and re-use measures	4.05
<b>8. Assist DMAs with implementation of non-point source water quality plans</b>	
Assist with Senate Bill 1010 implementation	4.76
Assist with ODF management plans	4.78
Assist with urban stream plans / implementation	4.59
<b>9. Expand citizen watershed monitoring programs</b>	
Expand existing watershed monitoring programs to broaden citizen involvement	4.03

**Higher Priority**

<b>4. Develop demonstration projects in priority areas</b>	
Initiate demonstration projects on private lands	3.76
<b>3. Develop, support, and implement education/outreach program</b>	
Expand Tualatin River Watershed Council speakers bureau	3.54
Develop/distribute educational materials	3.00
<b>2. Conserve and improve fish and wildlife habitat</b>	
Promote acquisition and/or donation of habitat by agencies/land trusts	3.38
<b>5. Establish a Tualatin Watershed Resource Collection and web site</b>	
Compile and catalog existing Tualatin Watershed information	2.67
Establish a location and maintain a Tualatin Watershed Resource Center	2.67
Maintain and update Tualatin Watershed GIS	2.67
Develop and maintain a Tualatin Watershed web page	2.44
<b>6. Promote management practices that improve watershed functions</b>	
Enhance/support integrated pest management	3.75
Bring N / P applications in line with agronomic needs	3.64
<b>7. Work with Tualatin Basin water managers</b>	
Promote efficient irrigation systems	3.72

<b>10. Promote recreation experiences, stewardship</b> Promote restoration and enhancement for recreation	3.38
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**High Priority**

<b>1. Assess watershed conditions to help prioritize restoration activities</b>	
Assess key watersheds to determine best areas to manage and restore	2.39
Conduct stream habitat surveys and mapping	2.39
Inventory habitat for fish species and other significant flora and fauna	2.39
Determine amount/functioning of wetlands and uplands	2.39
<b>2. Conserve and improve fish and wildlife habitat</b>	
Improve fish passage at identified priority artificial obstructions	2.14
Encourage placement of fish screens on water diversions	1.86
Assess instream water rights for fish needs	1.94
<b>6. Promote management practices that improve watershed functions</b>	
Evaluate management practices	2.39
Conduct road/ditch/culvert assessment, inventory and maintenance training	2.39

## **Appendix D: Technical Supplement Summary**

The Technical Supplement is intended to be a companion volume to the Tualatin River Watershed Action Plan. The Technical Supplement provides the scientific support on which the Action Plan is based. The document is a compilation of technical reports and data supplied by federal, state, and local agencies and organizations that have intimate knowledge of the Tualatin Basin's characteristics.

The Technical Supplement consists of the following elements:

- 1.0 Introduction
- 2.0 Background
- 3.0 Tualatin River Watershed Characterization
- 4.0 Watershed Desired Conditions and Goals
- 5.0 Watershed Action Items

Section 1.0 presents introductory material about the Tualatin River Watershed Council and highlights of the Action Plan.

Section 2.0 discusses historical changes that have occurred in the watershed, primarily resulting from European settlement over the last two hundred years. Also included in this section are brief descriptions of the many management plans and programs currently in place to address specific needs, issues, and problems in the Tualatin Basin.

Section 3.0 describes the major characteristics of the watershed. These include water, geography, geology and soils, biota, climate and air quality, and human uses within the Tualatin Basin.

Section 4.0 discusses desired conditions and goals for the watershed. Desired conditions were derived from numerous meetings and brainstorming sessions among the Technical Advisory Committee. The Goals are those proposed and supported by the Council.

Section 5.0 summarizes the Watershed Action Items. These actions are discussed in detail within the Action Plan.

An extensive Literature Cited lists all reports and documents relevant to the Basin. A glossary of terms and acronyms, several appendices, and a list of contributors also are included.

## **Appendix E: List of Contributors**

### Technical Assistance Committee Members:

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