Management Area: Tualatin River  
Meeting Date: March 28, 2018  
LAC Members Present: Dan Logan, Jim Love, George Marsh, Bruce Roll, and Jerry Ward  

### 2018 Milestone for the Tualatin Management Area

- **2018 Condition:** Since 2005, 59.9 stream miles have been enrolled in voluntary incentive-based programs in the Tualatin Management Area.
- **Measurable Objective:** By 2020, 75 agricultural stream miles will be enrolled in voluntary incentive-based programs. 15.1 stream miles needed to achieve.

### Tualatin River Management Area’s Cumulative Reporting of Activities and Accomplishments

January 1, 2016 – December 30, 2017 Accomplishments tracked by the Tualatin SWCD

#### Activities

- Community and Landowner Engagement Events and Activities: 32  
- Total Attendees to all Events and Activities: 1,704  
- Fact sheets and Brochures Developed/Distributed: 7/ 690  
- Landowners Provided with Technical Assistance: 31  
- On-Site Evaluations: 10

#### Dairy-McKay Focus Area (Opened 2015:Tualatin SWCD)

- **Current Condition:** As of June 2017, there are 129.1 stream miles in Class 4 (high priority stream segments).
- **2017-2019 Milestone:** By June 30, 2019: Decrease Class 4 to 119.9 stream miles along Dairy and McKay creeks. A potential decrease of 7 percent (10 stream miles); from 72 percent to 65 percent. The focus of stream restoration is on high and medium priority streams in agricultural lands.

The SWCD completed a pre-assessment, classifying stream reaches within the Focus Area using the Stream Matrix, which is a GIS tool used by the SWCD and NRCS to guide restoration efforts. The Stream Matrix assesses eight water quality and habitat-related criteria. Each criterion is scored for an individual stream reach and a weighted average of all eight scores gives an overall score for the stream reach. Based on the Stream Matrix criteria, the SWCD placed each assessed stream reach into one of four classes. The classes are described as follows:

- **Class 1:** No restoration needed. Streams are rated low priority in the Stream Matrix. Vegetation likely sufficient to moderate solar heating, stabilize streambanks, and filter out pollutants consistent with site capability.
- **Class 2:** Significant progress has been made in restoration. Vegetation likely insufficient to moderate solar heating, stabilize streambanks, and filter our pollutants consistent with site capability.
- **Class 3:** Filter strips (herbaceous) have been planted to stabilize streambanks and filter pollutants. Agricultural activities likely not allowing vegetation to moderate solar heating.
- **Class 4:** Streams are rated medium or high priority in the Stream Matrix. Agricultural activities likely not allowing riparian vegetation to moderate solar heating, stabilize streambanks, and filter our pollutants consistent with site capability.

#### Dairy-McKay Focus Area Activity Accomplishments 2013-2017

- Landowners Contacted (mailings): 2,981 mailings and 100 phone calls  
- On-Site Evaluations: 32  
- Community and Landowner Engagement Events: 7  
- Total Attendees to Community and Landowner Engagement Events: 290  
- Voluntary Conservation Plans: 10  
- Fact sheets and Brochures Distributed: 30  
- Total Acres in Voluntary Conservation Plans: 40  
- Landowners Provided with Technical Assistance: 12

#### Dairy-McKay Focus Area Applied Conservation Practices and Units

- Cover Crop: 46.7 ac  
- Nutrient Management: 233 ac  
- Tree and Shrub Site Prep: 1.0 ac

### Agricultural Water Quality Partner Accomplishments

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<th>Programs</th>
<th>Number of Plans/ Contracts</th>
<th>Projects Acres</th>
<th>Number of Stream Miles Planted</th>
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Summary of Impediments:
- Native plant resources are an issue. There is not enough nursery stock to handle the demand of stream planting projects. Skilled contractors are also hard to find.
- The LAC would like the SWCD to spend more time engaging livestock owners. The Tualatin SWCD has agreed to draft an outreach strategy by the next biennial review in 2020.
- There has been a lot of crop conversion leading to bare ground and soil erosion issues during early establishment seasons of newly planted crops. Need more outreach on soil erosion and solutions.
- Drainage infrastructure is failing and is need of repair and upgrades and better water quality management.
- Agriculture is feeling the stress of urbanization at the ag interface.
- Toxic monitoring shows there may be concerns with pesticides.

Summary of Modifications:
The LAC was pleased to see the Area Plan get updated goals, objectives, and activities and was engaged in the conservation related to progress and measuring change. The LAC would like to see more water quality analysis and presented to the LAC in a manner that is easy to consume and relevant to agriculture in the Tualatin MA. The LAC was very pleased with DEQ’s presentation and the creation of the new status and trends report for biennial reviews. They commented that this is what they have wanted to see for some time. The LAC has asked ODA and the SWCD to construct a more detailed management area measurable objective to consider at the next biennial review in 2020 when their timeline for the current milestone comes to a conclusion.

DEQ Recommendations: DEQ provided comments and they were addressed in the 2018 Area Plan. See Chapter 4.4 in the Area Plan for a brief summary of the water quality status and trends report.

Compliance: Total Complaints/Notifications: January 2015 – December 2017

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