

Marion Soil & Water Conservation District



5 Year

Strategic Plan

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This plan was originally adopted on June 6, 2012 by the Marion SWCD Board of Directors and shall be reviewed no later than 5 years from date of adoption.

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Introduction

The purpose of the Marion Soil and Water Conservation District (SWCD) Five Year Strategic Plan (Plan) is to serve as a broad outline for the Marion Soil and Water Conservation District (SWCD) to follow when guiding its directors, employees, and partners in response to natural resource concerns, internal and external practices, and other factors that influence courses of action. This Plan has been formatted so that it performs the functions and incorporates the concepts and contents associated with both broad long-range and specific short-term strategic goals. This plan provides benefits to the District, our cooperators, constituents, and the community we serve.

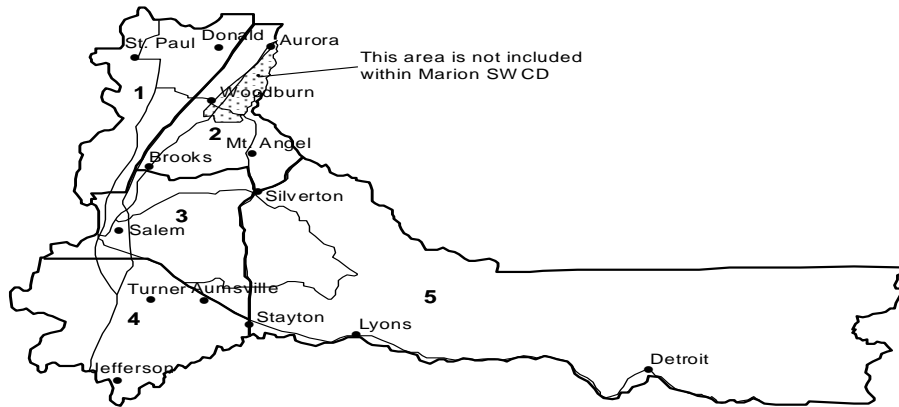
The District will update what its priority waterways and soil, and invasive/native species areas; update its desired impacts and measures for success on an annual basis; continue to build promotional activities that let the community know about the work that the District is doing and how the community can participate in the Districts' programs; and to build its capacity to deliver diverse, equitable and inclusive programming. The District will also work to improve communication and collaborative work between the Board and staff.

Enabling Legislation

The Marion SWCD is defined by Oregon Revised Statutes as a political subdivision of state government under ORS 568.210 – 568.890. The District is not a state agency, rather it is classified as a municipal corporation, a form of local government that is required to follow five basic requirements under ORS 568 to remain legal and become eligible for funding from Oregon Department of Agriculture. ORS 568.554 contains two requirements stating that, “Each conservation district shall submit to the ODA its proposed long-range plan and annual work plan for review and comment.”

History

The Marion SWCD, established in 1971 with the consolidation of the Santiam, Silver Creek, and Mt. Angel Soil and Water Conservation Districts, encompasses the majority of Marion County, Oregon and lies in the northern portion of the Willamette River Basin.



Map of Marion SWCD zones. A small portion of northern Marion County is not part of the District.

Comprising the western half of the District is the fertile Willamette Valley, while the eastern portion contains rolling foothills and the forested Cascade Mountains. Marion County has a population of 323,614 and encompasses 1,200 square miles (2013). Marion County is bordered on the south by the North Santiam and Santiam Rivers, on the west and north by the Willamette River and on much of the east by the Pudding River and Butte Creek. Detroit Reservoir, with a useable storage capacity of 321,000 acres/feet, is located in the eastern part of the county. More than 200 different agricultural cash crops on 196,590 acres (USDA-NASS 2012 Census) are produced in Marion County.

In 2000 the electors of Marion County voted to fund the Marion SWCD to a permanent rate limit of \$0.05 per \$1,000 of land assessed value. The District uses its funds to meet the objectives and goals set forth in this plan related to the purchasing of equipment, the providing of training to employees, and the development of programs. The Board of Directors follows a calendar of events to monitor this Plan, the annual work plan, and the development of the yearly budget.

The Marion Soil and Water Conservation District takes the lead in soil and water conservation throughout Marion County by working with urban and rural property owners, operators, Public Officials, various state and federal agencies, and private organizations. This District believes in the protection, conservation, and improvement of soil and water through our directors' and employees' abilities to plan, assist, and educate. It is our belief that concerns about water quality, water quantity, wetlands, soil erosion, and weed management can be addressed while simultaneously respecting the private property rights of owners and operators. These concerns are addressed through the adoption of this Plan and by maintaining agreements with the various agencies that work with this District.

Mission

The mission of the Marion Soil and Water Conservation District is to protect, conserve and improve the quality of soil and water in Marion County through planning, technical assistance and education.

In carrying out our mission, the Marion SWCD works, coordinates and cooperates with:

- property owners and operators
- public and private conservation organizations
- agricultural groups
- public agencies
- citizens of Marion County

Vision

The vision of the Marion SWCD is to:

- be a leader in soil and water conservation efforts
- be a prominent resource in urban and rural areas
- be a resource for natural resource and conservation related information
- have a record of measurable and demonstrable results

Values

The Marion SWCD:

- values the stewardship of soil and water including any applicable science and research and the sustainable use of all natural resources
- values educating youth about conservation
- values the economic importance of agriculture and natural resources to our community
- values conservation on all types of production on agricultural and forestry lands
- values private property rights and respects the trust, confidence, confidentiality, decisions and knowledge of all property owners/operators
- values a voluntary, common-sense approach to problem solving rather than a bureaucratic or regulatory approach
- values all local, state and federal partnerships with similar interests
- values being accountable with their financial resources by having an active and informed board
- values a well-managed district office who effectively communicates and delivers quality customer service
- values effective employment practices and recognizes the capabilities and contributions of the Marion SWCD staff

Concerns

1. Water Quality

- Water bodies classified on the DEQ 303(d) water quality limited list
- Discharge of pollutants into lakes, ponds, rivers and streams
- Contamination of surface and ground water caused by various activities and sources
- Impaired urban streams
- Storm water management
- Improper drainage systems
- Inappropriate use of fertilizers, pesticides, and other chemicals within urban and rural areas
- Lack of baseline water quality data in impacted areas within the District

2. Water Quantity

- Declining groundwater tables and slow groundwater recharge due to area geology
- Oregon Water Resources groundwater limited areas and surface water availability (Mt. Angel, Turner, Sublimity, South Salem, Jefferson, Silverton)
- Unappropriated waters withdrawn from further development from the Columbia River Basalt aquifer in the Victor Point area, Marion County. See ORS 536.410; OAR 690 Div. 80
- Negative impacts on fish and wildlife habitat

3. Wetlands/Riparian Areas

- Negative impacts to soil and water due to the loss of natural wetlands and riparian areas
- Potential of unintended effects on surrounding property due to restoration activities
- Potential of increased flooding
- Lack of opportunities for wildlife easements in Marion County

4. Soil Health

- Irrigation-induced erosion
- Bare soil erosion during rainy seasons
- Less than adequate erosion control measures at or on construction sites
- Lack of healthy riparian vegetation or buffers
- Improper application of management practices
- Urban/rural interface development
- Ag production systems or rotations not meeting soil loss Tolerance Levels T

5. Plants and Vegetation, Invasive and Native Species

- Spread of noxious and invasive vegetation
- Contamination of crops/economic loss
- Loss of native plants in the landscape
- Loss of fish and wildlife habitat
- Economic loss and decreased property values
- Seed purity requirements of crops contributing to over use of herbicides on field edges

6. Energy

- Lack of focus in gathering information and resources on funding and technical solutions Need for intermediate technology and small-scale solutions

7. Education

- Lack of education and outreach on soil and water conservation
- Need to inform citizens about conservation concerns in their area
- Lack of effective marketing efforts for the District

8. District Operations

- The area in northern Marion County that is not included within the boundaries of the District

Goals and Objectives

Goal 1: Water Quality: Address surface and ground water quality issues within the District by assisting individuals to help meet local, state and federal standards and laws.

Objectives:

- 1.1 Increase the total number of recommended, funded and installed NCRS-recognized Best Management Practices (BMPs-See Appendix A) accomplished by the general public, landowners/operators and partners to help reduce DEQ 303(d) pollution criteria for: water temperature, bacteria, mercury, other toxins, pesticides, dissolved oxygen, habitat modification and suspended sediment, with special emphasis on District-prioritized waterways.
- 1.2 Increase consultations and/or work with cooperating landowners/operators to recommend and fund the installation of BMPs to help reduce soil erosion and loss into District-prioritized waterways.
- 1.3 Continue to act as the Local Management Agency on behalf of the Oregon Department of Agriculture to implement the Molalla/Pudding/French Prairie/North Santiam Agricultural Water Quality Management (AgWQM) Area Plan.
- 1.4 Increase functioning riparian areas along District-prioritized waterways.
- 1.5 Increase the total number of agricultural landowners/operators who participate in District-funded grant programs
- 1.6 Partner with cities and counties to assist them with their stormwater runoff programs
- 1.7 Where available, utilize existing baseline water quality data for comparison or to describe trends.
- 1.8 Develop and implement urban conservation programs within the District.
- 1.9 Measure and communicate the impact of our efforts to address surface and ground water quality issues through evaluation, marketing and promotion activities.

Goal 2: Water Quantity: Address limited water quantity issues within the District.

Objectives:

- 2.1 Provide resources and educational opportunities to the public, landowners/operators and partners to address the importance of water conservation including the value of water conservation, especially in the groundwater limited and withdrawn areas.
- 2.2 Develop, support and partner with rural and urban entities and individuals on projects that promote sufficient flow and volume and sustain fish and wildlife habitat.
- 2.3 Partner with entities to maximize and/or leverage efforts. Explore and implement ideas for projects relating to, but not limited to, flood control, energy conservation, irrigation system application efficiency, irrigation water management, hydro power and water storage.
- 2.4 Measure and communicate the impact of our efforts to address surface and ground water quality issues through evaluation, marketing and promotion activities

Goal 3: Wetlands/Riparian Areas: Support and inform the public, landowners/operators and partners within the District on the importance of proper functioning wetlands and riparian areas.

Objectives:

- 3.1 Inform the public, landowners/operators, and partners on:
 - the proper function and benefits of wetlands and riparian areas
 - the potential benefits and effects of wetland creation on surrounding properties
 - the potential increase of flooding due to lack of inefficient or minimal wetlands or riparian areas along water bodies i.e. storage not infiltration
- 3.2 Inform the public on how homeowners and small landowners can do small-scale projects to meet the goals of building or enhancing wetlands and riparian areas.
- 3.3 Promote and provide financial assistance and project support for creating healthy and functioning riparian buffers through plantings, invasive plant control and other NRCS recognized Best Management Practices.
- 3.4 Measure and communicate the impact of our efforts to support and inform entities on the importance of proper functioning wetlands and riparian areas through evaluation, marketing and promotion activities

Goal 4: Soil: Address soil erosion and soil health issues on lands within the District.

Objectives:

- 4.1 Reduce the occurrence of soil erosion by working with landowners/operators, the general public and partners to implement appropriate NRCS recognized Best Management Practices to help alleviate potential causes from:
 - Irrigation-induced erosion
 - Bare soil during rainy seasons
 - Construction sites lacking appropriate erosion control measures
 - Improper application of Best Management Practices
 - The incorporation and development of rural properties within the Urban Growth Boundary (UGB) which could create additional bare ground
 - Crop rotations/systems unsuitable for soil/slope conditions
- 4.2 Reduce soil erosion along waterways by increasing riparian vegetation or buffer plantings/establishments.
- 4.3 Measure and communicate the impact of our efforts to address soil erosion and soil health issues through evaluation, marketing and promotion activities

Goal 5: Native and Invasive Plant Management: Address invasive plant problems within the District and promote the use and benefits of native plants.

Objectives:

- 5.1 Assist the public, landowners/operators and partners with the identification and control of invasive plants using the following criteria:
 - When appropriate, recommend integrated vegetation management actions for controlling invasive plant species
 - Educate on the negative aspects of invasive plant species
 - Educate on the identification and awareness of invasive plant species
- 5.2 Conduct invasive plant surveys along waterways to guide outreach, education, control and restoration efforts.
 - Assess and evaluate existing invasive vegetation data prior to moving to new project area/watershed
 - Prioritize areas to be inventoried for invasive vegetation
- 5.3 Work with partners to develop and promote cooperative programs for invasive plant species prevention, identification, education and control.
- 5.4 Promote the use of native plants in landscapes by focusing on:
 - Urban Areas
 - Riparian areas
 - Agricultural lands
 - Natural areas
 - Benefits of using native plants and promoting “right plant, right place”
 - Participating in or organize events, i.e. SWCD Native Plant Sale, Farmers Markets, plant workshops
 - Improving and establishing fish, wildlife and pollinator habitat
- 5.5 Develop and implement an urban conservation program that addresses invasive plant problems and that promotes the use and benefits of native plants.
- 5.6 Measure and communicate the impact of our efforts to address native and invasive plant management through evaluation, marketing and promotion activities.

Goal 6: Education: Raise awareness, knowledge, skills, aspirations and application of soil, water and natural resource-conservation within the District.

Objectives:

- 6.1 Create an annual education work plan that focuses on:
 - Defining the diverse audiences for education activities
 - Researching, gathering and developing new educational resources and programs
 - Measuring and communicating the impact of existing District education efforts
 - Creating demonstration projects
 - Tying education components into other District projects
- 6.2 Gather and disseminate reliable information and resources on the conservation of soil and water and other natural resources to the public, landowners/operators and partners.
- 6.3 Provide a variety of conservation education materials and activities with a special emphasis on youth.
- 6.4 Provide information, resources, and where appropriate recommendations to landowners/operators on conserving soil, water and other natural resources through technical assistance and conservation planning.
- 6.5 Measure and communicate the impacts of educational program and outreach through evaluation, marketing and promotion.

Goal 7: District Operations: Ensure transparency and accountability to the public in all District's programs and operations.

Objectives:

- 7.1 Provide the best available assistance to customers to achieve the District's Goals.
- 7.2 Provide training and educational opportunities on Board governance and leadership.
- 7.3 Define purpose and responsibilities for all District committees and periodically review their structure and membership.
- 7.4 Provide a safe and healthy work environment for staff and support staff development and retention.
- 7.5 Build the capacity of Board and staff to deliver diverse, equitable and inclusive services.
- 7.6 Establish District priority waterways on an annual basis
- 7.7 Establish District desired impacts, and measurements for success on an annual basis.
- 7.8 Provide guidance and direction to Board members and staff to identify their role while participating on internal District Committees, or when serving on a committee, event, task or process with external groups.
- 7.9 Prioritize District projects, funding and available staff time through the budgeting process and at board meetings to ensure maximum efficiency and effectiveness.

APPENDIX A

Best Management Practice Codes	Code Descriptions
313	Waste Storage Facility
314	Brush Management
315	Herbaceous Weed Treatment
317	Composting Facility
327	Conservation Cover
340	Cover Crop
342	Critical Area Planting
362	Diversion
382	Fencing
384	Woody Residue Treatment
386	Field Border
391	Riparian Forest Buffer
393	Filter Strip
394	Firebreak
395	Stream Habitat Improvement
412	Grassed Waterway
422	Hedgerow Planting
423	Hillside Ditch
430	Irrigation Water Pipeline
441	Irrigation System – micro-irrigation
442	Irrigation System - sprinkler
449	Irrigation Water Management
472	Access Control (Use Exclusion)
484	Mulching
490	Tree Shrub Site Preparation
512	Forage and Biomass Planting
516	Livestock Pipeline
528	Prescribed Grazing
558	Roof Runoff Structure
560	Access Road
561	Heavy Use Area Protection (HUA)
570	Stormwater Runoff Control
574	Spring Development
575	Trails and Walkways
580	Streambank and Shoreline Protection
587	Structure for Water Control
590	Nutrient Management
595	Integrated Pest Management (IPM)
606	Subsurface Drain
612	Tree/Shrub Establishment
614	Watering Facility
620	Underground Outlet
634	Waste Transfer
636	Water Harvesting Catchment
642	Water Well
643	Restoration of Rare or Declining Habitats
645	Upland Wildlife Habitat Management
649	Structures for Wildlife
659	Wetland enhancement
666	Forest Stand Improvement