

CHAPTER 9: ELEMENT G. - MILESTONES

The following prioritized goals state water quality improvement or protection goals. These goals include specific targets for reducing pollutants or mitigating impacts, and identify timeframes for accomplishment. Below each goal is a list of interim measurable milestones as well as expected dates of completion for each milestone. These are short-term milestones. Long-term milestones will be developed as planning continues.

Goal: *Capture the first 1.14 inch of rainfall in rainscaping projects to reduce E.coli and nutrient loads in streams*

Milestones	Date
1. Implement Orientation/Training Sessions for the Rainscaping Cost Share Program.	February Annually
2. Develop database of names and contact information for all residential landowners who live in identified priority sub-watersheds.	April 2021
3. Rainscaping Cost-share Application Review & Evaluation	May Annually
4. Ground-truth Rainscaping Cost Share Spring Installs and process completion forms	June Annually
5. Rainscaping Cost Share Awards Announced	July Annually
6. Provide rainscaping signs for willing homeowners to display	Sept. Annually
7. Ground-truth Rainscaping Cost Share Round J Fall 2022 Installs and process completion forms	October Annually
8. Publicize and conduct rainscaping training sessions for interested professionals.	Ongoing

Goal: *Eliminate 100% of combined sewer overflows by 2030, 85% of sanitary sewer overflows by 2023 and 100% of sanitary sewer overflows by 2033 to reduce E.coli and nutrient loads in streams (MSD)*

Milestones	Date
1. Eliminate constructed sanitary sewer overflows BP-008, BP-155, BP-170, BP-181, BP-183, BP-187, BP-198, BP-203, BP-333, BP-343, BP-348, BP, 349, BP-440, BP-495, BBP-545, BP-555, BP-556, BP-587 and BP-591	December 2023
2. Eliminate constructed sanitary sewer overflows BP-013, BP-017, BP-018, Bp-151, BP-156, BP-194, BP-340, BP-496, BP-501, BP-578, BP-583, BP-623,	December 2028
3. Eliminate combined sewer overflows from outfalls 103, 104, 105, 106, 111, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 130, 131,134,136, 137, 138, 139, 140, 176.	December 2030
4. Eliminate constructed sanitary sewer overflows BP-003, BP-004, BP-014, BP-015, BP-016, BP-094, PB-158, BP-196, BP-605, BP-634	December 2033

Goal: Finalize EPA accepted watershed plan updates in 2022 and in 2027

Milestone	Date
1. Submit 1 st draft of updated watershed plan to MoDNR	January 2021
2. Complete Draft 1 revisions of the watershed plan based on feedback from EPA and MoDNR & submit Draft 2	July 2021
3. Complete final watershed plan revisions based on feedback	January 2022
4. Provide modeled load reduction data for installed rainscaping projects	annually
5. Deer Creek Technical Advisory Group meeting	annually
6. Deer Creek Steering Committee meetings	annually
7. Deer Creek Community Leaders Task Force Meeting	annually
8. Evaluate watershed implementation successes and challenges	ongoing

Goal: At least 5000 pounds of trash, leaf litter, and/or organic debris removed or prevented from entering Deer Creek annually.

Milestone	Date
1. Conduct annual volunteer trash clean ups in the watershed.	Annually
2. Establish a pilot “water goat” trash collector in Deer Creek or one of its tributaries	April 2022
3. Invite municipal reps to share with each other strategies for encouraging landowners to refrain from dumping leaf litter in streams at the Community Leaders Task force meeting. Document and share strategies.	April 2023
4. Remove organic matter construction debris from prioritized Brentwood properties.	
5. Identify municipalities interested in a leaf litter reduction outreach campaign	February 2024

Goal: At least 4 linear miles of riparian corridor permanently removed from development and appropriately landscaped to reduce impacts on erosion, sedimentation and creek widening by 2030.

Milestone	Date
1. Facilitate the purchase and set-aside of development rights of Brentwood wetland property at Kirkham and Marshall.	December 2021
2. Design planting plan for wetland arboretum at Brentwood property.	December 2023
3. Implement planting plan for wetland arboretum at Brentwood purchased property.	December 2025
4. Organize and implement invasive species removal efforts in riparian corridors. Engage citizens in efforts.	Ongoing
5. Organize and implement tree planting efforts in riparian corridors. Engage citizens in efforts.	Ongoing
6. Publicize and conduct invasive species removal training sessions for interested professionals.	Ongoing

Goal: Reach EPA standard for chloride levels in Deer Creek by 2040.

Milestone	Date
1. Collect salt usage data.	Ongoing
2. Develop content for a workshop on road salt applicators and maintenance crews on private developments.	February 2023
3. Identify outreach strategy to road salt applicators and maintenance crews on private developments.	April 2024
4. Conduct training workshop for road salt applicators and maintenance crews on private developments.	September 2024
5. Include article on the hazards of excessive salt use in Deer Creek Watershed Alliance email newsletter.	Annually