

# Public Review Draft Kitsap County Stormwater Management Action Plan

July 2026

**Prepared for  
Kitsap County**

**Prepared by  
Herrera Environmental Consultants, Inc.**

# Kitsap County Stormwater Management Action Plan

Prepared for  
Kitsap County  
614 Division Street  
Port Orchard, WA 98366

Prepared by  
Herrera Environmental Consultants, Inc.  
2200 Sixth Avenue, Suite 1100  
Seattle, Washington 98121  
Telephone: 206-441-9080

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|          |         |                          |                |                       |                |                   |              |

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## Purpose

This Stormwater Management Action Plan (SMAP) was prepared for Kitsap County (County) to satisfy the requirements of Section 5.C.1.d of the Washington State Department of Ecology's (Ecology) 2024-2029 Western Washington Phase II Municipal Separate Storm Sewer System (MS4) Permit (Phase II permit; Ecology 2024a). This SMAP builds upon the County's previous SMAP (HDR 2020) by reevaluating existing stormwater management actions and identifying additional stormwater management actions within the East Dyes Basin. These actions will protect and improve receiving water conditions while supporting the implementation of the County's Stormwater Management Program (SWMP).

Consistent with Ecology's Stormwater Management Action Planning Guidance (Ecology 2024b), this SMAP identifies a coordinated set of capital, programmatic, and planning actions intended to reduce pollutant loading, address hydrologic impacts from existing development, and support water quality protection as the watershed continues to develop. The actions in this plan are intended to complement existing stormwater management programs and inform future planning, capital improvement, and Stormwater Management for Existing Development (SMED) investments.

This SMAP includes the following components:

- An assessment of overburdened communities, including specifically vulnerable populations and highly impacted communities, within the East Dyes Basin
- Stormwater facility retrofit opportunities identified in previous planning documents, including recommended best management practices (BMPs), preferred implementation locations, and projects that address transportation-related runoff from high traffic areas.
- Land management strategies that support the protection and improvement of water quality.
- Targeted implementation of stormwater management actions, including public education and outreach, illicit discharge detection and elimination (IDDE), source control inspections, and operations and maintenance (O&M).
- Identification of changes to local long-range plans or policies needed to support SMAP priorities, where applicable.
- A proposed implementation schedule, anticipated budget sources, and prioritization of short-term (within six years) and long-term (7 to 20 years) actions.
- Identification of actions that provide benefits to overburdened communities, including vulnerable populations and highly impacted communities.
- An adaptive management framework to evaluate implementation progress, assess effectiveness, and guide future updates to the SMAP.

## Background

Ecology requires Phase II Permittees to implement SWMPs to protect beneficial uses of receiving waters. As part of the SWMP, the Phase II Permittees must prepare a SMAP for a prioritized basin that identifies how stormwater management actions can achieve measurable water quality benefits. The Phase II permit also requires jurisdictions to integrate stormwater planning into long-range planning efforts, implement low impact development (LID) principles, and convene an interdisciplinary team to inform policies and implementation strategies.

In 2020, Kitsap County Public Works Stormwater Division (Stormwater Division) developed a SMAP that documented the basin assessment and prioritization process, identifying the East Dyes Basin as a priority watershed for stormwater planning (HDR 2020). This SMAP builds upon the work done in the previous SMAP through further evaluation of stormwater strategies to improve watershed health in the East Dyes Basin. The SMAP is intended to support implementation of the County's SWMP and coordinate with other watershed planning, capital improvement, and comprehensive planning efforts.

## Basin Prioritization Summary

The 2020 SMAP prioritized the County's basins by using the following beneficial-use/impairment criteria:

- **Land use:** Includes percent impervious, percentage of zoning classification, and percentage of the basin with census urban area
- **Jurisdictional control:** Includes percentage of the basin within the Urban Growth Area (UGA), percentage of the basin outside of a city boundary
- **Aquatic recreation:** Includes shellfish harvesting area classification and reasoning for classification, presence of hatcheries of terminal fisheries within the basin, and presence of swimming beaches
- **Water quality/basin health:** Includes marine and stream water quality (based on compliance with the fecal coliform standard), hydrology (based on the level of importance maintaining overall water flow processes in a non-degraded setting), stream Benthic Index of Biotic Integrity (B-IBI), and fish habitat.

Based on this analysis, the four priority stormwater basins were identified:

- East Dyes Basin (7,388 acres)
- Clear Creek Basin (5,124 acres)
- Long Lake Basin (8,632 acres)
- Burley Lagoon (8,723 acres)

The County then selected East Dyes Basin for the 2020 SMAP. The 2024 Stormwater Management Action Planning Guidance (SMAP Guidance; Ecology 2024b) states that Phase II Permittees that developed a SMAP during the 2019-2024 Phase II Permit cycle are not required to update their Receiving Water Assessment and Prioritization process conducted during the 2019-2024 Phase II Permit cycle (Ecology 2024b). As such, the County has decided to focus this SMAP on updating and adding stormwater management actions for the previously prioritized East Dyes basin. More information about the basin prioritization process and the other basins can be found in the 2020 SMAP (HDR 2020).

## Overburdened Communities Assessment

The 2024-2029 Phase II Permit requires Phase II Permittees to identify actions in their SMAPs that may benefit overburdened communities, including specifically vulnerable populations and highly impacted communities (Ecology 2024b). Before identifying new actions for the SMAP update, the County performed an assessment to determine overburdened communities within the East Dyes Basin.

In 2022, the County developed the [Kitsap County Equity Atlas](#) (Equity Atlas; HDR 2022), an interactive mapping tool that reports 23 demographic, socioeconomic, health, and environmental metrics. The Equity Atlas draws from nine federal, state, and private data sources, including the 2020 Census and the 2016-2020 American Community Survey, with data reported by census tract. This tool is used to guide the County and partner agencies toward meaningful, inclusive, and equitable outreach. For this SMAP, an assessment of vulnerable populations was conducted using the Equity Atlas. Data presented in the Equity Atlas were analyzed, and weighted averages were calculated for each metric based on the proportion of the total basin area represented by each census tract and compared to the weight averages for unincorporated Kitsap County. The findings of this analysis are shown in Table 1.

**Table 1. Overburdened Communities Assessment.**

| Metric Category      | Metric                                                                                                                         | Weighted Average |                              |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|
|                      |                                                                                                                                | East Dyes Basin  | Unincorporated Kitsap County |
| Health & Environment | ACS Disability Status: Percent of elderly (65+ years) population with a disability                                             | 35.5%            | 33.6%                        |
|                      | ACS Context for Senior Well-being: Percent of Population that is 65 Years and Over                                             | 16.9%            | 21.4%                        |
|                      | Washington DOH Environmental Health Disparities <sup>a</sup>                                                                   | 3.6              | 3.2                          |
| Socioeconomics       | ACS Educational Attainment: Percent of Population 25 Years and Over whose Highest Education Completed is Less Than High School | 5.0%             | 5.0%                         |
|                      | ACS Poverty Status: Percent of Population whose Income in the Past 12 Months is Below Poverty Level                            | 8.4%             | 5.6%                         |
|                      | ACS Vehicle Availability: Percent of Households with No Vehicle Available                                                      | 3.6%             | 2.4%                         |

**Table 1. Overburdened Communities Assessment.**

| Metric Category | Metric                                                                                                             | Weighted Average               |                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|
|                 |                                                                                                                    | East Dyes Basin                | Unincorporated Kitsap County   |
| Socioeconomics  | ACS Internet Connectivity: Percent of Households with No Internet Access                                           | 2.8%                           | 3.1%                           |
|                 | Justice40: Categories Exceeded <sup>b</sup>                                                                        | 1 <sup>c</sup>                 | 1 <sup>d</sup>                 |
|                 | Justice40: Disadvantaged or Not Disadvantaged <sup>b</sup>                                                         | Not Disadvantaged <sup>c</sup> | Not Disadvantaged <sup>d</sup> |
| Demographics    | ACS Language Spoken at Home: Percent of Population Age 5+ Who Speak Spanish at Home                                | 3.3%                           | 3.4%                           |
|                 | ACS English Ability and Linguistic Isolation: Percent of Adults 18 years and Over who have Limited English Ability | 4.7%                           | 3.1%                           |
|                 | ACS Race and Hispanic Origin: Percent of Population that is White Alone, not Hispanic or Latino                    | 57.7%                          | 78.8%                          |

ACS = American Community Service; DOH = Department of Health

<sup>a</sup> Ranked from 1 (least risk) to 10 (highest risk) and are a "roll-up" of several ACS 2017 data sets, including percent unemployed and percent of people under the poverty line.

<sup>b</sup> These metrics identify communities that are disadvantaged according to Justice40 Initiative criteria in the U.S. and its territories. The goal of the Justice40 Initiative is to provide 40 percent of the overall benefits of certain Federal investments in eight key areas to disadvantaged communities: climate change, clean energy and energy efficiency, clean transit, affordable and sustainable housing, training and workforce development, the remediation and reduction of legacy pollution, health burdens, and the development of critical clean water infrastructure.

<sup>c</sup> One census track within the East Dyes Basin met one "category of disadvantage", which resulted in the basin being identified as "not disadvantaged."

<sup>d</sup> Three census tracks within the unincorporated Kitsap County met one "category of disadvantage", which resulted in the basin being identified as "not disadvantaged."

In addition to the vulnerable populations evaluated using the Equity Atlas, Tribal communities were also considered in this assessment, as they are classified as highly impacted communities by Ecology (Ecology 2024a). The Suquamish Tribe has longstanding cultural and economic connections to shellfish resources in Dyes Inlet, a historic Tribal harvest location. Pollution has contributed to the closure of shellfish beds, and the Suquamish Tribe continues to work with local and state agencies to improve water quality and maintain and restore shellfish harvesting opportunities (Suquamish Tribe 2026). Dyes Inlet is an active shellfish growing area monitored by the Washington State Department of Health (DOH 2026). Thus, stormwater management actions that improve water quality in the East Dyes Basin may also benefit the Suquamish Tribe by supporting the protection of important cultural and economic resources.



# Stormwater Management Actions

## Process to Identify Stormwater Management Actions

Stormwater management actions were identified through an evaluation of existing documentation and continuous communications with involved County staff. Existing stormwater management actions from the 2020 SMAP were reevaluated in 2026 to determine if they should be continued based on County priorities and available resources. The County also identified new stormwater management actions at a workshop on June 11, 2026. This workshop focused on identifying additional land management strategies and stormwater program enhancements. No new stormwater facility retrofits were identified as a part of the workshop. Stormwater facility retrofits for the East Dyes Basin were identified by reviewing the County’s existing stormwater Capital Facilities Plan (CFP) for 2026-2031 (Kitsap County 2025) and ongoing stormwater parks analysis.

## Stormwater Facility Retrofits

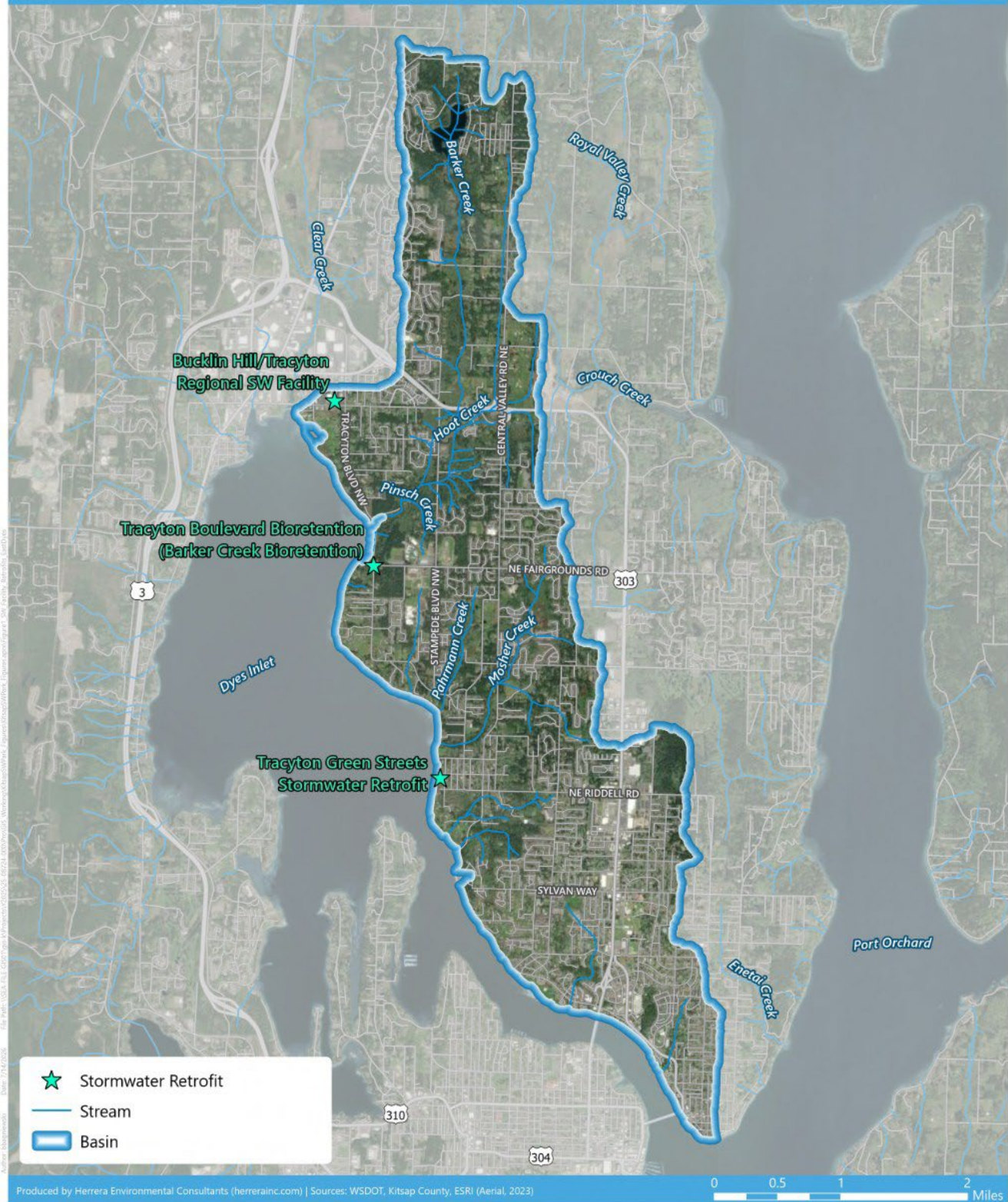
The County identified three stormwater facility retrofits within the East Dyes Basin, which are summarized in Table 2.

| Table 2. Stormwater Facility Retrofits.                     |                                                                                                                                                                                 |                                              |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Stormwater Facility Retrofit                                | Description                                                                                                                                                                     | Potential BMP Type(s)                        |
| Tracyton Green Streets Stormwater Retrofit                  | This project was identified in the EPO-EB Stormwater Retrofit Plan, and will add WQ treatment in the Tracyton area.                                                             | Bioretention, Manufactured Treatment Devices |
| Tracyton Boulevard Bioretention (Barker Creek Bioretention) | This project will add WQ treatment for approximately 55 acres of drainage area along Tracyton Boulevard and Fairgrounds Road prior to discharge to Barker Creek and Dyes Inlet. | Bioretention                                 |
| Bucklin Hill/Tracyton Regional Stormwater Facility          | This project will add a regional facility to provide WQ treatment to a priority watershed in Silverdale and add community amenities.                                            | Bioretention                                 |

BMP = best management practice; EPO-EB = East Port Orchard – East Bremerton; WQ = water quality

The approximate locations of these stormwater facility retrofits are shown in Figure 1.

Figure 1.  
Stormwater Facility Retrofits in the East Dyes Basin.



## Land Management Strategies

Land management strategies were evaluated based on factors such as the age of existing development, anticipated future land use, and opportunities to improve water quality in the East Dyes Basin. The evaluation considered how future development could be guided or mitigated to enhance watershed health and minimize development-related impacts. Based on this assessment, the land management strategies summarized in Table 3 were identified for inclusion in the SMAP.

| Table 3. Land Management Strategies.                            |                                                                                                                                                                                                                |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land Management Strategy                                        | Description                                                                                                                                                                                                    |
| Continue to coordinate with countywide planning efforts         | Continue to coordinate with countywide planning efforts (including the Silverdale Center Plan) that may impact stormwater management in the East Dyes Basin.                                                   |
| Continue collaboration with other County departments            | Continue to collaborate with other County departments on projects, programs, and initiatives that may impact stormwater management in the East Dyes Basin.                                                     |
| Continue to plant vegetation and trees in stormwater facilities | Continue to plant vegetation and trees in stormwater facilities within the East Dyes Basin.                                                                                                                    |
| Continue collaboration with other jurisdictions                 | Continue to collaborate with other jurisdictions on projects, programs, and initiatives that may impact stormwater management in the East Dyes Basin.                                                          |
| Identify opportunities for land acquisition                     | Identify potential areas within the East Dyes Basin that may be suitable for acquisition. Explore partnering with Great Peninsula Conservancy or other similar land conservation organizations where feasible. |
| Partner with Parks                                              | Partner with Parks to identify opportunities for land conservation within the East Dyes Basin.                                                                                                                 |
| Collaborate with DCD                                            | Collaborate with DCD on tree planting strategies within the East Dyes Basin.                                                                                                                                   |
| Depave program                                                  | Research developing a depave program similar to Pierce Conservation District's Depave Puget Sound for the East Dyes Basin.                                                                                     |

DCD = Department of Community Development

## Stormwater Program Actions and Enhancements

The County conducts several activities for compliance with the 2019–2024 Phase II permit. Some of these activities are associated with the Public Education and Outreach (S.5.C.2), Illicit Discharge Detection and Elimination (S.5.C.5), Source Control Program for Existing Development (S.5.C.8), and Operations and Maintenance (S.5.C.9) sections of the Phase II permit.

The County's existing procedures for implementing Phase II permit activities were reviewed and are described in the 2026 SWMP Plan (Kitsap County 2026). Applicable activities from the 2026 SWMP Plan were integrated into this SMAP (as stormwater program actions) and additional stormwater program enhancements were identified to supplement these activities. These stormwater program actions and enhancements are summarized in Table 4.

**Table 4. Stormwater Program Actions and Enhancements.**

| <b>Phase II Permit Sections</b>                           | <b>Stormwater Program Action or Enhancement</b>                                        | <b>Description</b>                                                                                                                                                                                                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Public Education and Outreach (S.5.C.2)                   | Education and outreach tracking <sup>a</sup>                                           | Track education and outreach activities within the East Dyes Basin by using OpenGov (Mutt Mitt) and other tracking mechanisms.                                                                                                                                    |
| Illicit Discharge Detection and Elimination (S.5.C.5)     | Continue dry weather outfall screening <sup>b</sup>                                    | Continue to perform dry weather outfall screening within the East Dyes Basin.                                                                                                                                                                                     |
|                                                           | Increase awareness of priority basin to IDDE training <sup>a</sup>                     | Include information about the East Dyes Basin into the County's IDDE training program.                                                                                                                                                                            |
|                                                           | Increase IDDE outreach <sup>a</sup>                                                    | Increase outreach related to illicit discharges and illicit connections; the improper disposal of waste into streets, catch basins, ditches, and storm drains; and how to identify and report suspected illicit discharges or spills, within the East Dyes Basin. |
|                                                           | Continue to coordinate w/ KPHD on outfall & stream trend monitoring <sup>b</sup>       | Continue to coordinate with KPHD on outfall & stream trend monitoring within the East Dyes Basin.                                                                                                                                                                 |
| Source Control Program for Existing Development (S.5.C.8) | Partner with pet-related businesses <sup>a</sup>                                       | Partner with pet-related businesses and veterinary clinics within and around the East Dyes Basin by providing pet waste bags during source control inspections.                                                                                                   |
|                                                           | Continue to implement the Regional Dumpster Lid Social Marketing Campaign <sup>b</sup> | Continue to implement the Regional Dumpster Lid Social Marketing Campaign in the East Dyes Basin.                                                                                                                                                                 |
|                                                           | Increase frequency of source control inspections for high-risk properties <sup>a</sup> | Identify commercial properties within the East Dyes Basin that have higher pollution generating risk. Increase visit frequency for inspections.                                                                                                                   |
|                                                           | Continue providing businesses with spill kits <sup>b</sup>                             | Continue to provide spill kits to business within the East Dyes Basin that develop and implement a spill response plan for employees.                                                                                                                             |



**Table 4. Stormwater Program Actions and Enhancements.**

| Phase II Permit Sections             | Stormwater Program Action or Enhancement                                         | Description                                                                                                                                     |
|--------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Operations and Maintenance (S.5.C.9) | Continue to perform catch basin maintenance <sup>b</sup>                         | Continue to inspect, maintain, and clean County-owned catch basins and inlets in the East Dyes Basin according to Phase II Permit requirements. |
|                                      | Continue to perform County-owned stormwater facility maintenance <sup>b</sup>    | Continue to inspect and maintain County-owned stormwater facilities in the East Dyes Basin according to Phase II Permit requirements.           |
|                                      | Continue to perform privately-owned stormwater facility inspections <sup>b</sup> | Continue to inspect privately-owned stormwater facilities in the East Dyes Basin according to Phase II Permit requirements.                     |
|                                      | Continue to collaborate with Roads on street sweeping <sup>b</sup>               | Continue to collaborate with Roads on street sweeping in the East Dyes Basin according to Phase II Permit Requirements.                         |
|                                      | CCTV stormwater conveyance <sup>a</sup>                                          | CCTV the stormwater conveyance network within the East Dyes Basin.                                                                              |

CCTV = closed-circuit television; IDDE = Illicit Discharge Detection and Elimination; KPHD = Kitsap Public Health District; SMAP = Stormwater Management Action Plan; SWMP = Stormwater Management Program

<sup>a</sup> New stormwater program enhancement developed as part of the SMAP update.

<sup>b</sup> Existing stormwater program action from the 2026 SWMP Plan.

## Proposed Implementation Schedule and Budget Sources

This SMAP includes a proposed implementation schedule and estimates of the resources needed to implement the identified stormwater management actions.

### Proposed Implementation Schedule

The proposed implementation schedule for the stormwater management actions is summarized in Table 5. Stormwater management actions are considered one-time or ongoing and start either within the short-term (2027–2032) or long-term (2033–2041) planning horizons. Alternative schedule options are also included in Table 5.

Table 5. Proposed Implementation Schedule.

| Stormwater Management Actions               |                                                                           |                                                                     | Year                                |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|---------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|------|------|------|------|------|----------------------------|------|------|------|------|------|------|------|------|--|
|                                             |                                                                           |                                                                     | Short-Term Planning Horizon         |      |      |      |      |      | Long-Term Planning Horizon |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           |                                                                     | 2027                                | 2028 | 2029 | 2030 | 2031 | 2032 | 2033                       | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |  |
| Stormwater Facility Retrofits               | Tracyton Green Streets Stormwater Retrofit                                |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Tracyton Boulevard Bioretention (Barker Creek Bioretention)               |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Bucklin Hill/Tracyton Regional Stormwater Facility                        |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
| Land Management Strategies                  | Continue to coordinate with countywide planning efforts                   |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Continue collaboration with other County departments                      |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Continue to plant vegetation and trees in stormwater facilities           |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Continue collaboration with other jurisdictions                           |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Identify opportunities for land acquisition                               |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Partner with Parks                                                        |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Collaborate with DCD                                                      |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Depave program                                                            |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
| Stormwater Program Actions and Enhancements | Public Education and Outreach (S.5.C.2)                                   | Education and outreach tracking                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           | Continue dry weather outfall screening                              |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Illicit Discharge Detection and Elimination (S.5.C.5)                     | Increase awareness of priority basin to IDDE training               |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           | Increase IDDE outreach                                              |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           | Continue to coordinate w/ KPHD on outfall & stream trend monitoring |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           | Source Control Program for Existing Development (S.5.C.8)           | Partner with pet-related businesses |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Continue to implement the Regional Dumpster Lid Social Marketing Campaign |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Increase frequency of source control inspections for high-risk properties |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Continue providing businesses with spill kits                             |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             | Operations and Maintenance (S.5.C.9)                                      | Continue to perform catch basin maintenance                         |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           | Continue to perform County-owned stormwater facility maintenance    |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           | Continue to perform privately-owned stormwater facility inspections |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
|                                             |                                                                           | Continue to collaborate with Roads on street sweeping               |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |
| CCTV stormwater conveyance                  |                                                                           |                                                                     |                                     |      |      |      |      |      |                            |      |      |      |      |      |      |      |      |  |

Proposed Implementation Schedule

Alternate Schedule Options

CCTV = closed-circuit television; DCD = Department of Community Development; IDDE = Illicit Discharge Detection and Elimination; KPHD = Kitsap Public Health District

## Estimated Additional Costs

The estimated additional costs for the stormwater management actions are included in Table 6.

| Table 6. Estimated Additional Costs for Stormwater Management Actions. |                                                                          |           |                             |                                                                                               |
|------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------|-----------------------------|-----------------------------------------------------------------------------------------------|
| Stormwater Management Actions                                          |                                                                          | Frequency | Cost (2026)                 | Cost Assumptions                                                                              |
| Stormwater Facility Retrofits                                          | Tracyton Green Streets Stormwater Retrofit                               | One-time  | \$500,000                   | Engineering costs.                                                                            |
|                                                                        |                                                                          | One-time  | \$1,750,000                 | Construction costs.                                                                           |
|                                                                        | Tracyton Boulevard Bioretention (Barker Creek Bioretention) <sup>a</sup> | One-time  | \$67,500                    | Engineering costs.                                                                            |
|                                                                        |                                                                          | One-time  | \$450,000                   | Construction costs.                                                                           |
|                                                                        | Bucklin Hill/Tracyton Regional Stormwater Facility <sup>a</sup>          | One-time  | \$150,000                   | Engineering costs.                                                                            |
|                                                                        |                                                                          | One-time  | \$5,000,000                 | Construction costs.                                                                           |
| Land Management Strategies                                             | Continue to coordinate with countywide planning efforts                  | Ongoing   | \$0                         | No additional costs as this action is already ongoing.                                        |
|                                                                        | Continue collaboration with other County departments                     | Ongoing   | \$0                         | No additional costs as this action is already ongoing.                                        |
|                                                                        | Continue to plant vegetation and trees in stormwater facilities          | Ongoing   | \$0                         | No additional costs as this action is already ongoing.                                        |
|                                                                        | Continue collaboration with other jurisdictions                          | Ongoing   | \$0                         | No additional costs as this action is already ongoing.                                        |
|                                                                        | Identify opportunities for land acquisition                              | One-time  | \$50,000;<br>40 Staff Hours | To develop a study that determines land acquisition opportunities within the East Dyes Basin. |
|                                                                        | Partner with Parks                                                       | One-time  | \$0                         | No additional costs as this would be part of the strategy above.                              |
|                                                                        |                                                                          |           |                             |                                                                                               |

**Table 6. Estimated Additional Costs for Stormwater Management Actions.**

| Stormwater Management Actions               |                                                       |                                                                     | Frequency            | Cost (2026)                                           | Cost Assumptions                                                                                                                                        |                                                                                      |
|---------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|----------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Land Management Strategies                  |                                                       |                                                                     | Collaborate with DCD | Ongoing                                               | 40 Staff Hours                                                                                                                                          | Time for multiple staff to discuss tree planting strategies on an annual basis.      |
|                                             |                                                       |                                                                     | Depave program       | One-time                                              | \$50,000; 40 Staff Hours                                                                                                                                | To develop a study that determines if a depave program in Kitsap County is feasible. |
| Stormwater Program Actions and Enhancements | Public Education and Outreach (S.5.C.2)               | Education and outreach tracking                                     | One-time and Ongoing | 40 Staff Hours (One-time)<br>20 Staff Hours (Ongoing) | One-time staff hours to set up the mechanisms to track activities within the County's existing systems and ongoing staff hours to track the activities. |                                                                                      |
|                                             | Illicit Discharge Detection and Elimination (S.5.C.5) | Continue dry weather outfall screening                              | Ongoing              | \$0                                                   | No additional costs as this action is already ongoing.                                                                                                  |                                                                                      |
|                                             |                                                       | Additional sampling                                                 | Ongoing              | 10 Staff Hours                                        | Time to perform the sampling and process the samples. Reporting would be covered by existing staff hours.                                               |                                                                                      |
|                                             |                                                       | Increase awareness of priority basin to IDDE training               | One-time             | 10 Staff Hours                                        | Time to incorporate information about the East Dyes Basin into the IDDE training. Training time would be covered by existing staff hours.               |                                                                                      |
|                                             |                                                       | Increase IDDE outreach                                              | Ongoing              | 80 Staff Hours                                        | Time for staff to develop outreach materials and conduct outreach in the East Dyes Basin.                                                               |                                                                                      |
|                                             |                                                       | Continue to coordinate w/ KPHD on outfall & stream trend monitoring | Ongoing              | \$0                                                   | No additional costs as this action is already ongoing.                                                                                                  |                                                                                      |



**Table 6. Estimated Additional Costs for Stormwater Management Actions.**

| Stormwater Management Actions               |                                                           |                                                                           | Frequency | Cost (2026)                  | Cost Assumptions                                                                                                                         |
|---------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------|-----------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Stormwater Program Actions and Enhancements | Source Control Program for Existing Development (S.5.C.8) | Partner with pet-related businesses                                       | Ongoing   | 40 Staff Hours               | Approximately 10 pet-related businesses in the basin.                                                                                    |
|                                             |                                                           | Continue to implement the Regional Dumpster Lid Social Marketing Campaign | Ongoing   | \$0                          | No additional costs as this action is already ongoing.                                                                                   |
|                                             |                                                           | Increase frequency of source control inspections for high-risk properties | Ongoing   | 40 Staff Hours               | Approximately 10 high-risk properties in the basin.                                                                                      |
|                                             |                                                           | Continue providing businesses with spill kits                             | Ongoing   | \$0                          | No additional costs as this action is already ongoing.                                                                                   |
|                                             | Operations and Maintenance (S.5.C.9)                      | Continue to perform catch basin maintenance                               | Ongoing   | \$0                          | No additional costs as this action is already ongoing.                                                                                   |
|                                             |                                                           | Continue to perform County-owned stormwater facility maintenance          | Ongoing   | \$0                          | No additional costs as this action is already ongoing.                                                                                   |
|                                             |                                                           | Continue to perform privately-owned stormwater facility inspections       | Ongoing   | \$0                          | No additional costs as this action is already ongoing.                                                                                   |
|                                             |                                                           | Continue to collaborate with Roads on street sweeping                     | Ongoing   | \$0                          | No additional costs as this action is already ongoing.                                                                                   |
|                                             |                                                           | CCTV stormwater conveyance                                                | One-time  | \$200,000;<br>80 Staff Hours | Approximately 30 miles of conveyance to be videoed by contractor. Includes traffic control, flow diversion, and project management time. |

CCTV = closed-circuit television; DCD = Department of Community Development; IDDE = Illicit Discharge Detection and Elimination; KPHD = Kitsap Public Health District

<sup>a</sup> Stormwater management action is contingent on grant funding to be implemented.

## Potential Budget Sources

Potential budget sources for the stormwater management actions include, but are not limited to:

- Using the County's Capital Project Funds:
  - 00440 - Surface/Stormwater Management (SSWM) Program
  - 00441 - SSWM Program Capital Fund
- Applying for grants such as:
  - Ecology Capacity Building Grant
  - Ecology Water Quality Combined Funding Program Grants (i.e., Stormwater Financial Assistance Program [SFAP], Stormwater Community-Based Public-Private Partnership [CBP3] Program, Municipal Stormwater Grants of Regional or Statewide Significance [GROSS])
  - Ecology Coastal Protection Fund – Terry Husseman Account (THA) Grants
  - Puget Sound National Estuary Program (NEP) Stormwater Strategic Initiative Grants
  - Washington Department of Commerce Salmon Recovery through Local Planning Grant Program
  - Washington State Recreation and Conservation Office (RCO) Aquatic Lands Enhancement Account
  - Washington State RCO Habitat Conservation Projects - Washington Wildlife and Recreation Program

## Benefits to Overburdened Communities

The stormwater management actions in this SMAP will benefit overburdened communities. The benefits of these stormwater management actions are summarized by type of action below:

- **Stormwater facility retrofits:** focus on providing additional water quality treatment to the East Dyes Basin. These retrofits will benefit overburdened communities by improving water quality and enhancing stormwater treatment throughout the East Dyes Basin (Figure 1).
- **Land management strategies:** focus on improving tree canopy, vegetation management, and water resources management, as well as reducing impervious surfaces. These strategies will benefit overburdened communities by providing air and water temperature regulation and improving allocation of shared environmental resources.
- **Stormwater program actions and enhancements:** focus on additional sampling, outreach opportunities, and maintenance activities. These actions and enhancements will benefit overburdened communities by contributing to a better understanding of ecosystem health, sharing helpful information to reduce impacts to local receiving waters, and ensuring that stormwater infrastructure operates as intended.

In addition, these stormwater management actions will also benefit highly impacted communities, such as the Suquamish Tribe, by improving receiving water conditions with the East Dyes Basin.

## Reaching Overburdened Communities

To ensure that the benefits of the stormwater management actions in this SMAP reach overburdened communities, the County may choose to implement the following activities:

- Work with trusted community organizations/members to distribute information about stormwater facility retrofits, car washing best practices, and illegal dumping
- Sharing information in accessible formats
- Including community feedback and priorities during stormwater facility retrofit planning
- Continuing to hosting meetings in neighborhoods meeting locations (e.g., fire stations, libraries, schools, and parks) and providing refreshments during those meetings
- Prioritizing tree and vegetation plantings in areas that have been historically underserved

## Long-Range Planning

The following County-wide and Stormwater Division long-range plans and policies may require additional coordination to ensure that SMAP priorities are addressed:

- County-wide Plans and Policies:
  - Kitsap County Comprehensive Plan
  - Kitsap County Water as a Resource Policy
  - Kitsap County Silverdale Center Plan
- Kitsap County Public Works Stormwater Division Plans and Policies:
  - Kitsap County Public Works Stormwater Division 5-Year Strategic Plan
  - Kitsap County Public Works Stormwater Division 6-Year Capital Facility Plan
  - Kitsap County Stormwater Comprehensive Plan

## Future Assessment and Feedback

The purpose of the SMAP is to conduct actions in the East Dyes Basin to protect or enhance its receiving waters. The SMAP contains stormwater facility retrofits, land management strategies, stormwater program actions, and stormwater program enhancements. The County will adaptively manage these stormwater management actions by tracking implementation, effectiveness, and demand based on the type of action, as described below.

### Stormwater Facility Retrofits

Stormwater facility retrofits are typically reviewed and tracked as part of capital project planning and budgeting through the Stormwater Division (i.e., Retrofit Team) and Capital Facilities Division. The Retrofit Team focuses on smaller, less complex capital projects and the Capital Facilities Division focuses on larger, more complex capital projects that require consultant and contractor support.

More detailed program analysis, financial assessment and capital project planning occurs on a 6-year cycle as part of capital facility planning and provides an additional opportunity for tracking. Engineering design, construction, and potential grant oversight will require County staff time. Staff capacity or lack of grant funding may be limiting factors for implementation.

### Land Management Strategies

Land management strategies are typically reviewed as part of long-term planning processes included in the Long-Range Planning section of this SMAP. The frequency of land management strategy review is dependent on the long-range plan schedule and County priorities.

### Stormwater Program Actions and Enhancements

The County desires to implement actions that are effective, supported, and worthwhile to continue. These actions and enhancements will be evaluated annually, during Phase II permit reporting, to determine if they are not effective (due to lack of response or engagement) or no longer effective (due to outdated best practices). Successful actions from the short-term planning horizon may be continued through the long-term depending upon staff capacity and funding.

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