2025

Stormwater Management Program (SWMP)

City of Tukwila

Public Works

Table of Contents

FREQUENTLY USED ACRONYMS

AKART	*All known, available and reasonable methods of prevention, control, and treatment.*
BMP	*Best Management Practice*
EPA	*U.S. Environmental Protection Agency*
KML	*Keyhole Markup Language*
LID	*Low Impact Development*
MEP	*Maximum Extent Practicable*
MS4	*Municipal Separate Storm Sewer System*
NOI	*Notice of Intent*
NPDES	*National Pollutant Discharge Elimination System*
Permit	*Western Washington Phase II Municipal Stormwater Permit*
SAM	*Stormwater Action Monitoring*
SWMP	*Stormwater Management Program*
TMDL	*Total Maximum Daily Load*

1.0 INTRODUCTION

The City of Tukwila manages its stormwater drainage system (MS4) in compliance with the Western Washington Phase II Municipal Stormwater Permit. “Stormwater” is regulated under both the Federal Clean Water Act (CWA) and the State Water Pollution Control Act. Stormwater is defined in the permit as “runoff during and following precipitation and snowmelt events, including surface runoff, drainage or interflow”. Stormwater can become polluted when rain or snow meets human development like roads, parking lots and buildings, and can become polluted by activities such as illegal dumping, illicit stormwater connections or improper maintenance of stormwater systems. Most outside drains carry stormwater to local surface waters, like creeks and rivers, and ultimately flow into Puget Sound. Our permit requires us to reduce the discharge of stormwater to the “Maximum Extent Practicable”.

The Surface Water Management Program (SWMP) is targeted at reducing stormwater pollution generated from all land owned and operated by the City of Tukwila, including rights-of-way, parks, and all other facilities. Managing stormwater and meeting permit requirements is reliant on enacting operational and structural best management practices. This is termed AKART or *All Known, Available and Reasonable methods of prevention, control and Treatment*. When we find a better way of working that reduces pollution and meets the many other factors to consider, like cost, we include those new efforts. This is known as adaptive management.
The City provides an Annual Report for the previous year’s activities that documents adaptive management efforts. Both current and past annual reports and SWMPs are on the City’s website at: https://www.tukwilawa.gov/departments/public-works/npdes/

STORMWATER MANAGEMENT PROGRAM COMPONENTS

The Permit was reissued in 2024 and now includes new permit requirements that allow time to develop and implement them. New requirements are summarized in Appendix A. NPDES Permits run in 5-year terms concurrently, meaning that program requirements from past permits still apply even when not fully described in the most recent iteration.

The '24 – '29 Phase II Permit contains the following program components:

- S5.C1 Stormwater Planning
- S5.C2 Public Education and Outreach
- S5.C3 Public Involvement and Participation
- S5.C4 MS4 Mapping and Documentation
- S5.C5 Illicit Discharge Detection and Elimination
- S5.C6 Controlling Runoff from New and Redevelopment, and Construction Sites
- S5.C7 Stormwater Management for Existing Development
- S5.C8 Source Control Program for Existing Development
- S5.C9 Operations and Maintenance

In addition to the SWMP components, the Permit contains special conditions covering:

- Total Maximum Daily Load Requirements (none currently applicable to Tukwila)
- Monitoring and Assessment
- Reporting and Signatory Authority Requirements

2.0 PERMIT COORDINATION EFFORTS

Each Permittee must implement a Stormwater Planning program to inform and assist in the development of policies and strategies such as water quality management tools to protect receiving waters. This requires the full complement of city staff. For instance, Information Technology staff are needed to administer the many computer systems of tracking and record keeping, to provide labor-saving devices and paperless processes that allow for immediate record retrieval and permanent retention.

Tukwila issued Administrative Order 900-08 included in Appendix B to form an interdepartmental team to address all requirements and remove barriers to compliance.

2.1 Coordination Among Permittees

To help clarify roles and responsibilities for the control of pollutants between physically interconnected and permitted MS4s, Tukwila implements watershed coordination efforts with adjacent entities as necessary. Also, to avoid conflict related to plans, policies and regulations, the City coordinates management activities for shared water bodies and/or watersheds. As a matter of course, the City interacts with the following regional groups and stormwater management forums:

- Regional Permit Coordinators (Phase I and Phase II jurisdictions)
- Stormwater Outreach for Regional Municipalities (STORM)

- Regional Operations and Maintenance Program (ROADMAP)
- Business Inspection Group (BIG)
- Lower Duwamish Source Control Working Group and Duwamish Inspectors Group (DIG)
- WRIA 9 (Water Resource Inventory Area) Stakeholder Watershed Planning (17 different participating jurisdictions)
- The Stormwater Action Monitoring Work Group (SAM)

2.2 Coordination Among City Departments

Internally, the implementation of Tukwila's SWMP Plan is coordinated through a City Administration Policy (900-08) that defines departmental responsibilities and actions. Coordination elements include program development, reporting, notification, documentation, recordkeeping, data tracking and employee training. A coordinator works with all representatives to ensure timely actions are taken. In the event timely actions are not taken, the City files General Condition 20 (G20) notifications to the Department of Ecology that explain the steps taken or planned to reduce, eliminate, or prevent reoccurrence of the non-compliance.

3.0 STORMWATER PLANNING

In 2025, Tukwila will continue City-wide stormwater management planning with a collaborative multi-departmental framework, utilizing the skills of many individuals whose work either focuses on or touches stormwater planning. These professionals are brought together to determine how to improve the quality of water entering and leaving through the MS4. Stormwater Planning includes the following four elements:

3.1 Interdisciplinary Team

The bulk of stormwater planning work is done by Interdisciplinary Team members from the City's Department of Public Works, the Department of Community Development and the Technology and Information Services Department. The team's make-up and participation is reviewed upon staff turnover, to accommodate workload/duties adjustments, as well as interest and expertise in the subject. The team informs and assists in the development of the permit-required Stormwater Management Program, and works on stormwater planning and stormwater-related policy development. The team meets to discuss stormwater topics as they relate to efforts like SMAP and the development of the City's update to the Surface Water Comprehensive Plan.

3.2 Long-range Plan Updates

Tukwila reviews water quality and watershed protection policies, strategies, codes and other measures to identify stormwater management needs. This work also informs whether locally initiated or state-mandated long-range land use plan updates are called for (those designed to accommodate growth or transportation for protecting/improving receiving water health). Per Permit section S5.C.1.6.i (b), the City developed a report describing long-range planning coordination that has taken place during the current Permit term. Multiple capital infrastructure projects (CIP) are planned through this effort including the funding and schedule for completion. This CIP is included as Appendix C.

3.3 Low Impact Development

The City's Permit Center plan review staff continue to review development permit applications against the city's Low Impact Development (LID) code. Principles and LID BMPs as the preferred option for development and re-development. Accordingly, LID BMPs and LID principles are encouraged as a preferred and commonly used approach to site development and required infeasibility tests ensure LID has been considered fully. Annual assessments help identify administrative or regulatory barriers. Changes may be implemented when local development-related codes, rules, standards, or other enforceable documents support their need.

3.4 Stormwater Management Action Plan (SMAP)

Tukwila will begin to implement components of the Stormwater Management Action Plan (SMAP) developed in the last permit term for the Riverton Creek basin. The multi-step SMAP effort conducted with the help of OTAK included development of a watershed inventory, identification of existing water quality conditions for each receiving water catchment area in the city, assessment and prioritization of identified receiving waters and the identification of several projects in the basin that will address water quality. SMAP assessment and prioritization functions to:

- Conserve, protect and/or restore receiving waters through stormwater and land management strategies that act as water quality management tools.
- Reduce pollutant loading.
- Address hydrologic impacts from existing development and help plan for expected future buildout conditions.

4.0 PUBLIC EDUCATION AND OUTREACH

The City's Public Education and Outreach program serves a diverse Tukwila community. Our Public Education efforts are strategically driven to deliver effective personal messaging to residents, property owners, fixed and mobile businesses, to build general awareness, effect behavior change, and create stewardship opportunities for residents and interested outside parties.

4.1 Regional Program Elements

The City partners with neighboring jurisdictions in Watershed Coordinated efforts and utilizes various regional resources and public partnerships, including but not limited to:

Stormwater Outreach for Regional Municipalities (STORM)

- Incorporation of practical municipal stormwater information obtained from regular STORM meetings, symposiums, networking, programs, and resources.
- Co-branding Puget Sound Starts Here (PSSH) on printed materials; and linking PSSH events, materials, and tools from the City's stormwater management web page.

Washington Stormwater Center (WSC)

- Utilization of WSC municipal stormwater management and training resources to improve public education and outreach communications, framing of messages, designing of ideas for targeted audiences, engagement of overburdened communities, and creation of appropriate outreach materials.

Municipal Resource Service Center/ Washington Cities Insurance Agency

- Utilizing the expertise and cumulative knowledge of these resources to educate citizens.

Regional Meetings

- Participating in regional groups (see Section 2.1) to collaborate on Permit-related public education opportunities.

4.2 Building General Awareness

The City of Tukwila implements a multi-media Stormwater General Awareness Program that utilizes many messaging media via the City of Tukwila Facebook Page and the City of Tukwila Hazelnut Publication, and Utility billing inserts. Tukwila schools report there are over 80 languages spoken within their district. Table 1 identifies the various Permit-required General Awareness program elements, target audiences, and outreach approaches used by Tukwila.

Table 1. Permit-required public education and outreach general awareness program elements:

	Target Audience	Description	Subject Area
City Website and Facebook Page	General Public (including school-age children); and businesses (home-based or mobile)	Permit information, Stormwater Design/BMP Manual, Spill Hotline, volunteer opportunities (curb marker), stormwater/surface water issues and events, residential & charity car washing, rain barrels, pet waste management, GIS maps and private water quality facility inspection information.	General impacts of stormwater on surface waters (including impervious)
City Web Page	Engineers, contractors, developers, land use planners	Various types of information including LID infeasibility study, LID criteria, GIS maps, technical guidance and focus sheet.	Low impact development (LID) principles and LID BMPs
Public Displays and Printed Materials at Permit Center and in mailed Utility billing inserts	General Public and businesses (home-based or mobile), engineers, contractors, developers, land use planners	Various types of information including spill hotline, volunteer opportunities (Green Tukwila), residential car washing, rain barrels, pet waste management, LID infeasibility study, criteria, maps, technical guidance and focus sheet.	General impacts of stormwater on surface waters (including impervious); Low impact development (LID) principles and LID BMPs
Green Tukwila	General Public (including school-age children)	Municipal stormwater management educational, natural yard care and green-Tukwila literature distribution at the annual event. City subsidized rain barrels for purchase.	General impacts of stormwater on surface waters (including impervious)
Recycling Events (Spring and Fall)	General Public (including school-age children)	Municipal stormwater management educational, natural yard care and green-	General impacts of stormwater on surface waters (including impervious)

		clean literature at the two annual events. City subsidized rain barrels for purchase.	
Partnering with Salmon Incubator Hatchery Operations	General Public (including school-age children)	A salmon incubator installation designed to educate the public regarding the salmon lifecycle (from eggs to fry) and the connection to surface water resources (school aged participation). Salmon release in Spring.	General impacts of stormwater on surface waters (including impervious)
City Recycling Webpage	General Public	Garbage, recycling and food & yard waste management (including household hazardous waste issues and composting)	General impacts of stormwater on surface waters

The City collaborates with StormFest, an annual program that aims to reduce and/or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts by educating school-aged children. In 2024, Tukwila staff provided educators to StormFest, a three-day interactive stormwater festival held at Des Moines Beach Park. In 2025, Tukwila Staff will again support StormFest members including Highline School District, the Environmental Science Center, and Enviro-Issues. Tukwila has sent educators and staff for the past several years to this outdoor in-stream education and plans to continue this in the foreseeable future.

4.3 Affecting Behavior Change

In 2024, Tukwila Staff assisted in teaching the Stormfest Curriculum at the festival. In addition, the City joined the Adopt A Drain program attended by many other local municipalities. Residents are encouraged to keep drains clean and clear of blocking matter which causes local flooding and the discharge of solid waste to surface waters. This complements the City program of Adopt A Spot where citizens are encouraged to keep areas of parks and trails free from litter, waste and debris and report their activities, see Appendix F.

4.4 Stewardship Opportunities

The City uses a variety of activities and events to raise stormwater quality awareness and to encourage community engagement and adoption of environmentally friendly behaviors. Table 2 describes stewardship outreach efforts that are offered or promoted by the City throughout 2024.

Table 2. Permit-required public education and outreach stewardship program elements:

	Description	**Subject Area**
Green Tukwila Partnership	Environmental education and onsite restoration work parties. Together with Forterra, EarthCorps, Duwamish Alive Coalition, Partner in Employment, the Service Board, Dirt Corps, King County Parks, and the Tukwila community, Green Tukwila Partnership will care for public parks and natural open spaces across the city. Over the next 20 years, the partnership will work to	General impacts of stormwater on surface waters

	restore and maintain 138 acres of Tukwila's urban forest.	
Adopt-a-Drain Program	Individuals, community organizations and businesses can participate by adopting a storm drain in their neighborhood. Their efforts are tracked in an online account.	Encourages and enforces a commitment to stormwater pollution prevention.
Adopt-a-Spot Program	Adopt-A-Spot is a year around a partnership between Tukwila Parks and Recreation and residents, community groups, and businesses to help beautify Tukwila's parks and trails.	Citizens are encouraged to "help to keep open spaces clean and green" removing solid and often plastic waste from the surface water systems near their favorite trail.
Salmon hatchery sampling support	Assisting Sabey Corporation with water quality testing prior to release of Spring Hatch fry salmonids	Encourages and enforces commitment to surface water habitats.
Backyard Wildlife	teaches people of all ages how to create a welcoming environment for wildlife	General impacts of stormwater on surface waters
Touch a Truck	A gathering of Civil Service Vehicles at the Southcenter Mall for kids to experience hands on the fun of public service.	Vans are turned into billboards displaying posters with stormwater messaging

5.0 PUBLIC INVOLVEMENT AND PARTICIPATION

Within the Surface Water and Transportation Comprehensive Plans, SWMP Plan and SMAP frameworks, the City provides ongoing public involvement, participation, and decision-making opportunities. Furthermore, Tukwila continues to identify and implement more effective ways to engage the overburdened community. These efforts include translation of printed materials into some of the eighty-nine (89) languages spoken in Tukwila Schools.

Throughout the year, the public is encouraged to comment on Comprehensive Planning, the SWMP Plan, and SMAP. Public involvement and participation outreach efforts involve mailings and postings of important and timely messages and meeting invitations on the Public Works Stormwater Management web page, and through specialized media, including the Hazelnut and the Tukwila Web Page and Facebook Page.

The following includes specific public involvement and participation opportunities highlighted for 2025:

- Posting of the 2024 annual report and this 2025 SWMP Plan by March 31 to the City State Secure Access Washington Account.
- Public opportunities as available during 2025-2026 as the new Surface Water Comprehensive Plan is implemented with Council Approval.
- Posting routine state and local public notices when required for certain construction and planning efforts.
- Public information and Involvement open houses at The Sullivan Center on March 13th and 20th during the afternoon and evening to provide the public with ample opportunity to learn about the effort and comment.
- Announcements in the City publication Hazelnut and Facebook account along with Utility billing inserts inviting comments on the SWMP and volunteer opportunities.

6.0 MS4 MAPPING AND DOCUMENTATION

The City implements a comprehensive program to map and document the municipal separate storm sewer system (MS4). Ongoing mapping involves procedures to identify, analyze and process Geographic Information Systems (GIS) data. Maintained feature mapping data includes stormwater conveyance infrastructure, outfalls, discharge points, receiving waters, treatment and flow control facilities, tributary conveyances, drainage areas, land use, connections, and other components.

IT, GIS, Public Works Operations, and Asset Management work together to generate MS4 feature data. These efforts help the City meet Permit-required stormwater management program goals. Municipal work that benefits from mapping information includes future planning, economic development, engineering review, public education, spill response, private water quality facility and source control inspections, construction, operations, and maintenance. Through an external web-based application portal, Tukwila also provides map-based information resources for residents, visitors, engineers, planners, designers, and emergency responders.

In 2025, the City of Tukwila plans to support existing MS4 mapping by continuing to:

- Improve stormwater data as needed within the Geographic Information System (GIS) to enhance user experience, ensure current and future regulatory requirements, and to serve as a system of record.
- Further Implement a Computerized Maintenance Management System (CMMS) called Lucity designed to provide and track work orders and service requests. The CMMS may also help manage stormwater assets and perform risk/cost analyses.
- Operations acquired a new CCTV video inspection truck and is beginning an updated program of inspection and documentation of MS4 asset conditions.
- Integrate various asset management program software to assist in stormwater resource allocation, prioritization, funding strategies and maintenance schedules.

To fully meet Permit requirements, the City will respond to all mapping requests in compliance with national security laws and directives. Tukwila makes this GIS geospatial data easily available to the public via the internet on the Tukwila Maps and GIS webpage, with viewable and downloadable MS4 mapping formats.

7.0 ILLICIT DISCHARGE DETECTION AND ELIMINATION

The City carries out a comprehensive Illicit Discharge Detection and Elimination (IDDE) program for preventing, detecting, characterizing, tracing, and eliminating stormwater pollution. Permit-required minimum performance measures involve:

- Methods for initiating investigations.
- Procedures for recordkeeping, reporting and correcting or removing illicit connections, spills, and other illicit discharges.
- Processes for informing public employees, businesses, and the public of hazards associated with illicit discharges and improper disposal of waste.

- Public education and code enforcement mechanisms that effectively prohibit non-stormwater discharges into the MS4 to the maximum extent.
- Training programs for all municipal field staff who are responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges (including spills and illicit connections) see Appendix E.

7.1 IDDE Procedures

Tukwila uses the Illicit Discharge Detection and Elimination Field Procedures and Response Plan (IDDE Plan) provided in the MANUAL which provides a framework for:

- Characterizing any found or reported illicit discharges.
- Tracing illicit discharge sources (visual inspections monitoring of pollutants).
- Eliminating discharges: notification of appropriate authorities, notification of property owner, technical assistance, follow-up inspections and use of compliance strategies (escalating enforcement and legal actions).
- Developing and implementing employee training and recordkeeping programs.

7.1.1 Field Screening

Field screening is used for the inspection and evaluation of the City's MS4 to identify and eliminate potential sources of stormwater pollution; our procedures consider local stormwater system characteristics to help identify water quality concerns. Field screening is performed in tandem with ongoing program assessment, inspection, and cleaning of the MS4 (see Section 9.0). In accordance with Permit requirements, the City field screens a minimum of 12% of the MS4 on average each year.

7.1.2 Incident Response

Tukwila implements procedures for spill response and improper disposal into the MS4. In doing so, designated city personnel respond to incidents and implement procedures to control and eliminate sources of stormwater pollution (with priority given to incidents that impact public safety, public health, and the environment). IDDE Incident Response Procedures provide for:

- Definition of roles and responsibilities (both internal and external).
- Spill response, emergency response, and outside agency coordination as needed.
- Standardized reporting procedures, investigations, documentation, and follow-up procedures.

7.2 IDDE Communications

Established communication processes result in well-coordinated IDDE incident responses. Public Works Environmental Compliance staff that are assigned to track IDDE complaints obtain all necessary and relevant information for the purpose of evaluating potential public health, public safety, or environmental threats.

If the report is credible, a formal IDDE compliance investigation is launched to address the nature of the discharge, determine the source of the discharge, identify the responsible party, and eliminate the contamination by removal of all discharged materials. The elements of an

effective investigation include immediate characterization of the illicit discharge threat, initiation of notifications, site investigation, documentation of conditions and completion of recordkeeping.

7.2.1 Incoming IDDE Reports

Illicit discharge reports are communicated to the City in various ways including, but not limited to:

- Direct calls to the Spill Hotline (206-433-1860), e-mail, SeeClickFix© web/mobile application complaints, after-hours dispatch calls, and in-person communication.
- Information received from internal city operations (staff communication, personal observation, inspection program referrals and MS4 field screening operations).
- Referrals from Ecology's Environmental Report Tracking System Reports.
- External agency and franchise servicers direct referrals.

7.2.2 External IDDE Notifications

Once information concerning a suspected or known illicit stormwater discharge is reported to or received by City staff, proper notification sequences are triggered that are based upon the severity of the incident. If necessary, appropriate external entities are notified, which may include:

- Local Fire District
- Department of Ecology
- Local Sanitary Sewer Authority
- Public Water Utility
- Tukwila Police
- King County Public Health
- Adjacent jurisdictions or agencies

7.3 Regulatory Mechanisms

Ordinances, Tukwila Municipal Code (TMC) and other enforceable documents enable the City to implement the IDDE program through three regulatory mechanisms:

- TMC 14.30.180: Surface and Stormwater-Illicit Discharge Detection and Elimination
- TMC 14.30: Surface and Stormwater Management
- TMC 8.45: Code Enforcement

7.4 Employee Training

All affected City employees receive in-house Permit-required IDDE training as needed detailed in Appendix E. Affected staff include those who are responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges. Follow-up training is provided as needed to address changes in procedures, techniques, requirements, or staffing, which may in include annual refreshers, review of case-studies and informal training in the form of staff meetings.

7.5 IDDE Recordkeeping

IDDE compliance investigations involve rapid assessment of threats to public health, public safety, or the environment. Effective Tukwila IDDE investigations begin with procedures that involve the collection and recording of relevant and accurate incident information and documentation such as photos and field indicator tests. Accordingly, IDDE incident recordkeeping utilizes the City SAW Account to document each effort for annual reporting.

Requests that contain the following standard information: date of incident, location, reporting source, pollutant, cause, corrective actions, photos, various forms of written communication and progress summary notes. In 2024, IT is developing an improved web-based portal workflow within Lucity that will produce a more comprehensive IDDE investigatory format for reporting and compliance.
Pursuant to Special Condition S9.A, the City provides a yearly summary of IDDE incidents with the permit required Annual Report (Section 12.1).

8.0 CONTROLLING RUNOFF FROM NEW AND REDEVELOPMENT, AND CONSTRUCTION SITES

Tukwila's Development and Construction Runoff Control program promotes public health, safety, and welfare by establishing a comprehensive approach to surface and storm water problems. This program reduces flooding, erosion and sedimentation, prevents/mitigates habitat loss, enhances groundwater recharge, and prevents water quality degradation. Drainage review is required for any proposed project (except those proposing only maintenance) that is subject to a City of Tukwila development permit or approval. Specific program elements include permitting, basin and sub-basin planning, land use regulation, facility construction approval, and post construction inspections.

The City of Tukwila implements and enforces this Permit-required program to reduce pollutants in stormwater runoff from new development, redevelopment, and construction sites. The minimum performance measures of this Permit-required program are:

- Utilizing ordinances or other enforceable mechanisms to address runoff from new development, redevelopment, and construction site projects.
- Using requirements, limitations and criteria approved by Ecology.
- Implementing a permitting process with site plan review, inspection, and enforcement capability to meet the standards.
- Making available, as applicable, the link to the electronic Construction Stormwater General Permit Notice of Intent (NOI) form for construction activity and, as applicable, a link to the electronic Industrial Stormwater General Permit NOI form for industrial activity to representatives of proposed new development and redevelopment.
- Enforcing local ordinances to control runoff from sites covered by stormwater permits issued by Ecology.
- Ensuring proper training for all development and construction staff involved with this program.

8.1 Regulatory Standards and Enforceable Mechanisms

In compliance with current Permit requirements, a combination of codes and adopted standards enables the City to control runoff from new development, redevelopment, and construction sites. In 2022, Tukwila updated the necessary standards and enforceable mechanisms through the adoption of the 2021 King County Surface Water Design Manual (KCSWDM Updated 2024). This effort achieves equivalency with Ecology's Stormwater Management Manual for Western Washington. Additionally, Tukwila employs the following applicable local regulations, rules, and standards:

- TMC 14.30: Tukwila Surface and Stormwater Management Code, including adoption of the most current KCSWDM.
- TMC 8.45: Code Enforcement
- TMC 18.45: Zoning Environmentally Sensitive Areas
- Tukwila Infrastructure Design and Construction Standards

The Ecology-approved KCSWDM specifies limitations and criteria used to implement the minimum requirements in Appendix 1 of the Permit to protect water quality and to reduce the discharge of pollutants to the Maximum Extent Practicable (MEP). It also satisfies the State requirement under Chapter 90.48 RCW to apply All Known, Available and Reasonable Methods of Prevention, Control and Treatment (AKART) prior to discharge.

KCSWDM limitations and criteria include:

- Site planning requirements
- Best Management Practice (BMP) selection criteria
- BMP design criteria
- BMP infeasibility criteria
- LID competing needs criteria
- BMP limitations

8.2 Process for Permitting, Site Plan Review, Inspection and Enforcement

Tukwila administers and reviews site engineering plans and development permits to address clearing, grading, paving, stormwater management system, roadway, and right-of-way activities such as Franchise Utility upgrades to communication and power systems. Furthermore, internal procedures provide for: project approval processing, inspection authority, inspection processes, inspection criteria, pre-acceptance review, re-inspection, and enforcement.

The City's stormwater permitting process involves:

- Review of all stormwater site plans for proposed development activities.
- Inspection, prior to clearing and construction, of all permitted development sites that have a high potential for sediment transport as determined through plan review.
- Inspection of all permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls.

- Management of maintenance activities to inspect all stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments every six months, until 90% of the lots are constructed (or when construction has stopped and the site is fully stabilized), to identify maintenance needs and enforce compliance with maintenance standards as needed.
- Inspection of all permitted development sites upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. Verification that a maintenance plan is completed and responsibility for maintenance is assigned for stormwater treatment and flow control BMPs/facilities.
- Compliance with Permit requirements to achieve at least 80% of required inspections.

The Runoff Control program also includes recordkeeping and documentation that uses modular TRAKiT© e-Gov software, a system that creates, stores, and processes all permitting information. TRAKiT© documents formal permit applications, inspection records, administrative entries, attachments, alerts, project holds and enforcement. TRAKiT© is tightly linked with the City's GIS system to provide real time tracking status inspection.

8.3 Notice of Intent (NOI)

The City of Tukwila continues to make Notices of Intent (NOI) available to new development and redevelopment proponents and representatives when appropriate. These include NOIs triggered under the NPDES Construction Stormwater General Permit and the NPDES General Industrial Stormwater Permit.

8.4 Employee Training

The City ensures proper formal training (for example CESCL) for all staff whose primary job duties involve Permit-required activities associated with the Development and Construction Runoff Control Program. When necessary, follow-up training occurs in the form of review during routine staff meetings to address changes in procedures, techniques, or staffing. The City documents and maintains all required training records, see Appendix E.

9.0 OPERATIONS AND MAINTENANCE

To prevent or reduce stormwater impacts, Tukwila implements a Permit-required program to regulate, inspect and document private and public maintenance activities. Implementation of standards under this program are as protective, or more protective, of facility function than those specified in Ecology's Stormwater Management Manual for Western Washington. To meet these requirements, Tukwila uses the 2021 King County Surface Water Design Manual (KCSWDM), and other enforceable mechanisms.

Condition assessments and inspections of private and public stormwater systems involve assessing IDDE potential, measuring sediment levels, evaluating vegetation growth, inspecting for structural damage, and noting defects and problems. Proper system maintenance is necessary to protect downstream natural resources from flooding and water quality impacts. Private and public facilities and components inspected include, but are not limited to: detention

ponds, infiltration facilities, detention tanks/vaults, flow control structures, catch basins and newer green stormwater water quality infrastructure.

9.2 Maintenance of Private Stormwater Facilities

Established KCSWDM standards, City ordinances, and other enforceable mechanisms identify requirements and responsibilities for the operation and maintenance of private stormwater systems. Tukwila Public Works has established a program for long-term O&M inspection and enforcement of privately-owned stormwater treatment and flow control BMPs/facilities that discharge to the MS4. The following local regulations apply:

- TMC 14.30: Tukwila Surface and Stormwater Management Code
- TMC 8.45: Code Enforcement

The Private Maintenance Inspection program includes annual inspections of all Permit-regulated facilities. Scheduled inspections are conducted throughout the year. After inspections, findings are communicated to property owners to indicate the need for corrective action. Remarks and comments documenting each private maintenance inspection are tracked within Trakit© (see Section 9.4).

9.3 Maintenance of Public Stormwater Facilities

Public stormwater infrastructure owned or operated by Tukwila includes the system (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) designed or used for collecting or conveying stormwater. Publicly owned assets are inspected to identify structural concerns, sediment levels, or other functional defects. All inspection data are recorded in Lucity©. Permit-required maintenance timelines for public stormwater conveyances include:

- Annual inspection of all stormwater treatment and flow control BMPs/facilities (including but not limited to detention facilities, permanent treatment BMPs/facilities; and bioretention, and permeable pavements).
- Inspection of all catch basin circuits and outfalls every year. This program utilizes location data and GIS capabilities to assess larger drainage systems with limited resources. An entire circuit is cleaned once the inspections indicate the need as detailed in Appendix D Catch Basin Alternative Inspection Protocol.

9.3.2 Street Waste Disposal

The City manages the collection and disposal of routine stormwater-related wastes (both liquids and solids) that are generated from City-owned property. These wastes are properly disposed in compliance with Permit requirements, and in accordance with Appendix 6 - Street Waste Disposal guidelines.

- A limited amount of decant stormwater liquids are discharged into Valley View Sewer District sanitary sewer at an approved and permitted Tukwila Maintenance facility trash rack location.
- Uncontaminated solids are transported to the King County Renton Decant Station. This regional disposal facility is available for use by public agencies (including Tukwila) to manage and treat uncontaminated MS4 solids.

- PRS Group Washington in Tacoma serves as a disposal option when the King County facility is not available; or when known or suspect contamination is encountered.
- Maintenance and disposal operations are contracted out occasionally on an as-needed basis at some City Facilities.

9.3.3 Spot Checks

Tukwila tracks precipitation amounts by using the SeaTac publicly available data. Public Works staff log these data and calculate their running totals (24-hr/10-year recurrence) to determine if major storm events have resulted.

In-person spot checks of all Tukwila-owned stormwater treatment and flow control BMPs/facilities occur immediately after all documented major storm events. Corrective actions are then implemented as needed in accordance with 2021 King County Surface Water Design Manual Maintenance Requirements.

9.4 Records Maintenance and Management

Public Works utilizes Lucity© for private and public stormwater systems records maintenance and management. Lucity© is a GIS-centric enterprise asset management system that manages, tracks and analyzes stormwater infrastructure assets. Inspectors also use the Community Development software from the Permit Center to track inspections of New Development and Redevelopment sites, Business Source Control and Fats, Oils and Grease wastewater compliance.

9.5 Municipal Practices

Tukwila implements stormwater pollution prevention practices that address municipal activities and operations associated with all lands owned or maintained by the City. Affected public lands include streets, parking lots, buildings, parks, open space, road rights-of-way, maintenance yards, and stormwater treatment and flow control BMPs/facilities.

An Interdepartmental Team provides coordination of City-wide efforts to reduce polluted stormwater runoff into and out of municipal drainage systems, facilities and properties to the maximum extent practicable. The team ensures that practices and procedures are fully implemented, and that they comply with the applicable NPDES Permit requirements.

All affected city operations, and activities (including outside contracted work) must adhere to a combination of guidance documents and materials referenced below that describe specific stormwater pollution best management practices which have been adopted for all lands owned or maintained by the City of Tukwila.

a. 2021 King County Stormwater Design Manual (KC SWDM), adopted per Tukwila Municipal Code (TMC) 14.30 and the NPDES Permit (Section S5.C.6.a). This document provides minimum inspection and maintenance requirements (Appendix A) for all publicly and privately owned stormwater treatment and flow control BMPs/facilities and components.

b. 2021 King County Stormwater Pollution Prevention Manual (SPPM). This document provides best management practices (BMPs) for managing stormwater; it lists detailed information and description of actions to prevent/eliminate stormwater, surface water, and groundwater contamination. Municipal-related stormwater pollution prevention practices and procedures covered in the SPPM involve activities such as storage of pesticides and fertilizers, pressure washing, stationary fueling operations, vehicle and equipment repair and maintenance, and snow response operations.

c. 2016 King County Site Management Plan (KCSiMPla). This document addresses site-specific BMPs: roadway maintenance operations, utility maintenance, maintenance of stormwater facilities, and other right-of-way (ROW) structure work. Maintenance activities covered under these guidelines include, but are not limited to street sweeping, maintaining and cleaning enclosed drainage systems, and mowing bio-swales and cleaning water quality vaults.

9.6 Stormwater Pollution Prevention Plan (SWPPP)

The City implements a written Stormwater Pollution Prevention Plan (SWPPP) for the Public Works and Parks/Golf Maintenance facilities. These sites function as a heavy equipment maintenance and material storage yards subject to Permit requirements. The SWPPP was updated in 2022 to fully meet permit requirements per S5.C.8.f. The SWPPP includes the following information:

- A detailed description of the operational and structural BMPs in use.
- A BMP implementation schedule.
- Annual inspections of the facility (including visual observations of discharges, to evaluate the effectiveness of the BMPs).
- Activities conducted at the facility which may be exposed to precipitation or runoff and could result in stormwater pollution.
- A site map showing the facility's stormwater drainage, discharge points, and areas of potential pollutant exposure from the materials and equipment stored on-site.
- A plan for preventing and responding to facility spill incidents and maintenance needs.

9.7 Stormwater Pollution Prevention Training (SWPPP)

The City implements an ongoing stormwater BMP training program (Appendix E) for all Tukwila employees that conduct municipal-related job functions that may impact stormwater quality (building inspection, construction, operations, or maintenance). Training addresses the importance of protecting water quality, operation and maintenance standards, inspection procedures, relevant SWPPPs, selection of appropriate BMPs, ways to perform job activities to prevent or minimize impacts to water quality, and procedures for reporting water quality concerns. Follow-up training is provided as needed to address changes in procedures, techniques, requirements, or staffing, which may include annual refreshers and informal training in the form of staff meetings. The City documents and maintains municipal-related training records, including dates, activities, course descriptions, and names and positions of staff in attendance.

10.0 SOURCE CONTROL FOR EXISTING DEVELOPMENT

In 2025, the City will continue to fully implement our Permit-required Source Control Program to prevent and reduce contamination discharging into the MS4 from stormwater pollution-generating sites and businesses in Tukwila. Elements of the Source Control Program include:

- Developing an inventory that includes approximately 156 privately owned institutional, commercial, and industrial sites which have the potential to generate pollutants to the MS4 and local surface waters.
- Performing annual inspections on a minimum of 20% of the total inventory sites (779).
- Establishing effective BMPs for each individual site to control pollution potentially discharging into the MS4 utilizing the KC Surface Water Pollution Prevention manual.
- Implementing a progressive enforcement program that requires sites to comply within a reasonable period and ensuring they have the technical assistance to comply.
- Providing ongoing staff training for those responsible for implementing the source control program and providing escalating enforcement to businesses slow to implement BMPs up to and including fines and cost-recovery for actions the Municipality must conduct.

To help continue the implementation of the new program, stormwater personnel participate in the Business Inspection Group (BIG), a collaborative group of municipal stormwater permittees hosted by the Washington Stormwater Center. BIG periodically convenes to share resources and guidance on best practices, enforcement strategies, public education, and inspection tracking and management.

11.0 MONITORING AND ASSESSMENT

The Department of Ecology-facilitated Stormwater Action Monitoring (SAM) forum helps municipal stormwater permittees understand and develop water quality monitoring strategies required under Western Washington municipal stormwater permits. SAM provides structure, transparency, and accountability for permittees and stakeholders. The group also aims to improve stormwater management, reduce pollution, improve water quality, and reduce flooding.

The City of Tukwila meets Permit monitoring and assessment requirements by paying into an Ecology-managed collective fund that finances the following programs:

S8.A – Regional Status and Trends Monitoring, the City has paid **$3,252**.
S8.B –Effectiveness and Source Identification Studies, the City has paid **$5,943**.

The **total fee of $9,195** is due each year by August 15 until the permit expiration date of July 31, 2029. This amount may be adjusted in the future depending on the growth in Tukwila according to the total housing units available each year.

12.0 REPORTING REQUIREMENTS (SPECIAL CONDITION S9)

12.1 Annual Report

No later than March 31 of each year, the City of Tukwila submits an electronic Annual Report to Ecology's Water Quality Permitting Portal (WQWebPortal). The Annual Report covers activities performed during the previous calendar year. Each Annual Report includes the following:

- A copy of Tukwila's current SWMP Plan.
- As provided by Ecology, the Annual Report form documents SWMP Plan implementation status during the reporting period.
- Attachments including summaries, descriptions, reports, and other information as applicable.
- Certification and signature pursuant to G19.D, and notification of any changes to authorization pursuant to G19.C.

The City makes the most current Annual Report and SWMP Plan available on the Tukwila Stormwater Management Program Webpage by the required date of May 31st.

12.1 Annual Report

The City of Tukwila keeps all records related to the Permit and the SWMP for at least five years. All records related to the Permit and the SWMP are made available to the public at reasonable times during business hours. The City will provide a copy of the most recent Annual Report upon request to any individual or entity (a reasonable cost is charged for making photocopies of records). The City may require an advanced notice of intent to review Permit-related records. For your convenience and due to the stark difference between the Annual Report contained in Appendix 3 and the online SAW Account required by the Department of Ecology, the full Appendix 3 Annual Report version is attached here as Appendix E.

CONCLUSION

The current Permit expires July 31, 2029. This SWMP Plan is a working document with updates annually until the expiration date. The City will be developing many policies, programs and procedures to meet the new permit requirements in the next few years to retain coverage under the National Pollution Discharge Elimination System and the accompanying State Waste Discharge permit.

Complete information on the City's NPDES program can be found online at: https://www.tukwilawa.gov/departments/public-works/npdes/.

Many thanks to the Interdepartmental Team (listed below), our Watershed Partners and the supporting community. The public is encouraged to participate in the development of the SWMP Plan. Please contact Russell Betteridge of the City of Tukwila's Public Works Department with questions or comments at:

Mail: Russell Betteridge, CSM
NPDES Coordinator
Department of Public Works, City of Tukwila
6300 Southcenter Blvd, Suite 200
Tukwila, WA 98188-8548
Email: SWMP@tukwilawa.gov
Website: https://www.tukwilawa.gov/departments/public-works/npdes/

Interdepartmental Team Members and Associates involved in the preparation and implementation of this Plan:

Mike Perfetti, Surface Water Program Manager
Heidi Watters, Urban Environmentalist
Eric Pritchard, Construction Inspector
Matt Austin, Parks Maintenance Superintendent
Ryan Rosevear, Golf Maintenance Superintendent
Bryan Still, Operations Manager

Associates:
Nancy Ecklund, Senior Long-Range Planner
Cheri Du, Permit Plan Review Engineer
Pat Bradley, Storm and Sewer Superintendent
Roy Busch, Storm/NPDES Crew Lead
Shawn Hall, Environmental Compliance Inspector
Jabes Otieno, Environmental Compliance Inspector
Jake Enzminger, Field GIS Technician

APPENDICES

Appendix A

2024-29 NPDES New Permit Requirement Summary

New State Requirements contained in ’24 – ’29 Permit

S5.C1 Stormwater Planning

March 31, 2027 - S5.C.1.d.i No later than March 31, 2027, complete a SMAP for at least one new high priority catchment area, or additional actions for an existing SMAP. The purpose of the SMAP is to support implementation in the SMED program with the identification of strategic investments through the identification of projects and actions.

December 31, 2028 - S5.C.1.c.iii Adopt and implement tree canopy goals and policies to support stormwater management.

S5.C2 Public Education and Outreach

July 1, 2025 - S5.C.2.a.ii.b Based on the recommendation from the 2024 evaluate and report, follow social marketing practices and methods and develop a campaign that is tailored to the community, including development of a program evaluation plan.

September 1, 2025 - S5.C.2.a.ii.c Begin to implement the strategy developed in C.2.a.ii.b.

S5.C3 Public Involvement and Participation

December 31, 2026 -S5.C.3.a.ii Document methods used to identify overburdened communities.

S5.C4 MS4 Mapping and Documentation

March 31, 2026 - S5.C.4.b.i Submit locations of all known MS4 outfalls according to the standard templates and format provided in the Annual Report. This reporting shall include the size and material of the outfalls.

December 31, 2026 - S5.C.4.b.ii Using available, existing data, map tree canopy to support stormwater management on Permittee-owned or operated properties. Develop and follow a methodology to intentionally identify canopy for stormwater management purposes, which may be updated annually or as needed.

December 31, 2028 - S5.C.4.b.iii Implement a methodology to map and assess acreage of MS4 tributary basins to outfalls with a 24-inch nominal diameter or larger, or an equivalent cross-sectional area for non-pipe systems that have stormwater treatment and flow controls BMPs/facilities owned or operated by the Permittee. Submit with the Annual Report a map and breakdown of acres managed or unmanaged by stormwater treatment and flow control BMPs/facilities.

S5.C.4.b.iv Using available, existing data map overburdened communities in relation to stormwater treatment and flow control BMPs/facilities, outfalls, discharge points, and tree canopy on Permittee-owned or operated properties.

S5.C5 Illicit Discharge Detection and Elimination

New State Requirements contained in ’24 – ’29 Permit

July 2, 2027 – S5.C5.c Each Permittee shall implement an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges into the Permittee’s MS4 to the maximum extent allowable under state and federal law. The ordinance or other regulatory mechanism in effect as of the effective date of this Permit shall be revised, if necessary, to meet the requirements of this Section no later than July 1, 2027.

S5.C6 Controlling Runoff from New Development, Redevelopment and Construction

June 30, 2027 - Appendix 10 Identifies the exemptions, definitions related to the Minimum Requirements, applicability of the Minimum Requirements that need to be included in the ECY-equivalent stormwater management manual.

S5.C7 Stormwater Management for Existing Development

March 31, 2028 - S5.C.7.b With each annual report, provide a list of planned individual projects scheduled for funding or implementation during the Permit term for the purpose of meeting the assigned equivalent acreage in Appendix 12 using the formatting specified in Appendix 12.

March 31, 2028 - S5.C.7.c Fully fund, start construction, or completely implement projects(s) that meet the Permittee’s equivalent acreage and submit documentation with the Annual Report.

March 31, 2028 - S5.C.7.e Report the amount of estimated or projected equivalent acres managed by stormwater facility retrofits for the 2029-2034 Permit term.

S5.C8 Source Control Program for Existing Development

August 1, 2027 - S5.C.8.a Update and make effective the ordinances(s) or other enforceable documents, as necessary to meet S5.C.8.

S5.C9 Operations and Maintenance

March 31, 2028 - S5.C.9.e.v Document and report: (a) mapped priority areas swept, (b) sweeping dates, (c) sweeping frequency, (d) type of sweeper, (e) total curb miles of priority areas and curb miles swept, and (f) approximation of street waste removed for each sweeping event.

June 30, 2027 - S5.C.9.a Implement maintenance standards that are as protective of facility function as specified in the SWMMWW or an Ecology-approved Phase I program. Update maintenance standards as necessary.

December 31, 2027 - S5.C.9.x.v.a Document policies, practices, or procedures to reduce stormwater impacts associated with runoff from all lands owned or operated by the Permittee including: Source control BMPs to minimize PCBs from entering the MS4. The Permittee shall not discharge washdown water to the MS4 for buildings suspected of having PCB-containing materials.

New State Requirements contained in ’24 – ’29 Permit

December 31, 2027 - S5.C.9.xvi.a Update policies, practices, or procedures to include source control BMPs for building materials to prevent PCBs from entering the MS4 in preparation for and during demolition and renovations.

July 1, 2027 - S5.C.9.e.i Apply a street sweeping program to Permittee owned roads in high priority MS4 drainage areas discharging to outfalls and meet any of the following criteria (a) high traffic streets, such as arterials or collectors, (b) Streets that serve commercial or industrial land use areas.

July 1, 2027 - S5.C.9.e.ii Sweep high priority areas at least once between July and September each year and two additional times a year as determined by the Permittee to provide additional water quality benefits. For calendar year 2027, only one sweeping event is required.

July 1, 2027 - S5.C.9.e.ii.a Annually sweep, and document, at least 90% of high priority areas each sweeping event.

July 1, 2027 - S5.C.9.e.iii Follow equipment design performance specifications to ensure that street sweeping equipment is operated at the proper design speed with appropriate verification, and that it is properly maintained.

There are many other Appendices to the permit that include many other requirements stacked on the requirements listed above. Our Interdepartmental Team will be assessing and addressing these extended requirements and expectations to be certain that all conditions are addressed.

Appendix B

Administrative Order 900-08

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM regarding implementation of interdepartmental coordination

PURPOSE:

To establish and implement a procedure for the interdepartmental coordination regarding the City's compliance with the National Pollutant Discharge Elimination System

REFERENCES:

NPDES Western Washington Phase II Municipal Stormwater Permit

TMC 14.30 Surface Water Management

TMC 14.31 Illicit Discharge Detection and Elimination

STATEMENT OF POLICY: City departments are required to coordinate internally to ensure that all aspects and elements of the NPDES program are being fulfilled.

DEFINITIONS:

City: means the city of Tukwila.

Coordinator: means the City's Public Works Director, or designee.

Department: means any City of Tukwila department or division that engages in activities or programs that are subject the NPDES permit.

Liaison: means the designee of any Department that is responsible for ensuring the department's compliance with the NPDES permit.

NPDES: means National Pollutant Discharge Elimination System.

POLICY:

Section A: The City operates under the NPDES through a municipal stormwater permit issued by the Washington State Department of Ecology. To ensure that the City is fully complying with the NPDES permit, each department in the City is responsible for implementing applicable compliance activities. This policy is established to ensure that each City department coordinates with other City departments in order to assure compliance with the NPDES permit requirements as follows:

1. The City's Public Works Department shall be responsible for coordinating the City's municipal permit compliance activities.
2. The following departments have been determined by the Coordinator to have activities that are regulated the NPDES permit:
    a. Public Works Engineering

b. Public Works General Operations and Maintenance (inc. Streets, Fleet & Facilities)
c. Public Works Utilities Maintenance
d. Parks & Recreation
e. Department of Community Development
f. Fire Department
g. City Attorney's Office

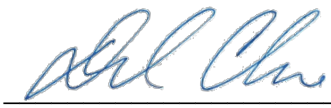
3. Departments engaging in any activities or programs that the Coordinator determines may be subject to or could support compliance with the municipal permit is required to comply with applicable municipal permit requirements.
4. Each department subject to the municipal permit shall designate a Liaison to manage that department's municipal permit requirements and coordinate as appropriate with the Coordinator.
5. Coordination framework and expectations:
   a. Liaisons shall be familiar with municipal permit requirements that are applicable to their department.
   b. The Coordinator and Liaisons shall develop city-wide protocols to ensure compliance with applicable municipal permit requirements.
   c. The Coordinator and Liaisons shall work together to implement any municipal permit requirement activities.
   d. Liaisons shall communicate regularly with the Coordinator on the status of applicable compliance activities.
   e. The Coordinator and Liaisons shall prepare and provide submittals to Ecology to comply with municipal permit requirements. Submittals include, but are not limited to, annual reports, stormwater management program (SWMP) plans, compliance reports and other submittals as required by Ecology.
   f. Upon request from the Coordinator, Liaisons shall provide information regarding department-specific compliance activities in a timely manner.

Section B: The following chart demonstrates the current list of key City departments and the corresponding municipal permit component:

Departments	Permit Requirements
Public Works Engineering	S1, S2, S3, S4, S5, S7, S8, S9
Public Works General Operations and Maintenance (Streets, Fleet & Facilities)	S5.C.4, S5.C.5, S5.C.7, S5.C.8, Appendix 6
Public Works Utilities Maintenance (Water, Sewer & Surface Water)	S5.C.4, S5.C.5, S5.C.7, S5.C.8, Appendix 6

Parks & Recreation	S5.C.5, S5.C.5.6, S5.C.7
Foster Golf Links	S5.C.5, S5.C.5.6, S5.C.7
Department of Community Development	S5.C.5, S5.C.6
Fire Department	S5.C.5, S5.C.6

Title: **NPDES POLICY**	Initiating Department: Public Works Approved by City Attorney's Office _____ Emily Miner, Assistant City Attorney

Effective Date: April 7, 2022	Supersedes:	City Administrator  David Cline, City Administrator

This policy is available on the Public Works website.

Appendix C

Capital Improvement Plan 412 Fund excerpt

City of Tukwila

Capital Improvement Program 2025-2030

Excerpted 412 fund Only










ADOPTED 2025 - 2030
CAPITAL IMPROVEMENT PROGRAM

TABLE OF CONTENTS

City of Tukwila Capital Improvement Program Overview

INTRODUCTION

Providing infrastructure is a primary function of a local government. Maintaining public safety, city services, parks and recreation facilities, and the community's quality of life are heavily dependent on how the City plans for future infrastructure needs.

The Capital Improvement Program (CIP) is a comprehensive multi-year plan of proposed capital projects that will support the continued growth and development of the City. It represents the City's plan for physical development and it intended to identify, and balance the needs, within the financial capabilities and limitations of the City. The plan is reviewed and updated every two years to reflect changing priorities and provides an ongoing framework for identifying capital needs, scheduling projects over a period of time, coordinating related projects, and identifying future fiscal impacts.

The Capital Improvement Program:

- Is characterized by a six-year plan document
- Is a funding plan, rather than a spending plan
- Denotes funding sources that are being planned for projects, based on preliminary, rough order of magnitude cost estimates.

A large portion of the CIP focuses on the much-needed work to maintain and renew existing infrastructure and amenities around Tukwila to keep them in safe and serviceable condition. The remainder of the capital program is investments in new and expanded infrastructure and amenities to serve a changing population and growing economy. Generally, the CIP includes projects that are relatively expensive, have a multi-year useful life, and result in capital assets. These include the additions to or renovations of existing streets, buildings, parks and trails, technology, infrastructure for utilities, and land purchases. However, the CIP can also include projects that do not result in a capital asset upon completion but are associated with significant maintenance and repair of existing capital assets. An example of this would be street overlay, in which the City typically expends in excess of $1 million annually on overlay projects but does not result in a new capital asset or an improvement to an existing capital asset.

The City of Tukwila's 6-Year CIP (2025-2030) reflects an investment of $297,931,000, and the two year (2025-26) adopted capital budget reflects approved expenditures in the amount of $81,994,000.

Due to the nature and total costs of the projects identified in the CIP, the City will most often fund these projects with dedicated revenue sources including grants, impact fees, bond proceeds, and taxes externally restricted to certain types of projects. In some limited circumstances and when there are insufficient dedicated revenue sources, projects may be funded with general fund dollars.

The CIP process is intended to identify the funding sources available for projects prioritized in the next six years. The first two years of the CIP is the basis for actual appropriations authorized by the City Council for projects when adopting the biennial budget. The remaining four years are a guide for future funding requirements to complete current projects as well as a guide for future planned projects. The projects reflected in the out years (years four through six) reflect projects the City believes is has the financial ability to fund within that time frame. The out years of the plan reflect projects that are important to the community, however, if funding capabilities are not realized, then the projects will necessarily be pushed further out.

Return to CIP TOC

The overall CIP schedule is formulated to reflect the City's priorities and needs, by taking into consideration the City's goals and policies, various master and strategic plans, the urgency of a project, the potential for future project funding, and ongoing operational requirements.

The CIP is a dynamic process, with anticipated projects being changed, added, and deleted from the plan as the six-year timeline moves forward.

The purpose of the CIP is to systematically identify, plan, schedule, finance, track, and monitor capital projects. Most capital projects are included in the CIP, rather than the operating budget, except for equipment purchases for the general fund.

The objectives used to develop the CIP include the following:

- Preserve and improve basic infrastructure of the City through construction and rehabilitation.
- Maximize the useful life of capital investments by scheduling renovations and modifications at the appropriate time in the life cycle of the asset.
- Identify and examine current and future infrastructure needs and establish priorities among projects so that available resources are used to the community's best advantage.
- Improve the financial planning by comparing needs with resources, estimating future needs, and identifying future implications.

Major changes in the development of the 2025-26 CIP include:

- *Consolidated Operating and Capital Budget:* The CIP has previously been adopted by resolution separate from but aligned with the biennial budget. A separate document, Financial Planning Model and Capital Improvement Program, was produced providing a summary of capital projects along with detailed project sheets organized by project type. The 2025-26 Biennial Budget reflects a consolidation of the CIP and the Operating Budget into a single streamlined document. The previous documents unnecessarily duplicated much of the same information. This consolidation supports improved long-term financial planning, as both operating and capital costs are now viewed together, providing a clearer picture of the City's overall fiscal health and priorities. The core elements of the CIP—such as expenditure and revenue projections, policy context, detailed project narratives, and summary analysis—remain, ensuring that all critical information is still easily accessible.
- *Dissolving Select Fund Structures and Transferring Funds*: Fund 302 Urban Renewal Fund is recommended to be dissolved. The projected year-end fund balance of $1,917,220 will be transferred to the City's General Fund.

Upon adoption of the 2025-26 operating and capital budget ordinance, the City Council accepts the Six Year Capital Improvement Program, representing the City's commitment to the plan but does not in itself authorize expenditures except as noted in City policy. For capital projects in the approved CIP, the Mayor may approve contracts up to $99,999. For projects in excess of this amount and all other purchases above $60,000 requires City Council approval.

POLICY FRAMEWORK

The CIP is informed by a series of independent but coordinated planning documents and policies (see Appendix X), including:

- Resolution 2096- Financial Policies
- Resolution 2097- Procurement Policies
- Resolution 1840- City of Tukwila Debt Policy
- Resolution 2099- Transportation Improvement Plan (TIP)
- City of Tukwila Comprehensive Plan (2024-2030)
- City of Tukwila Comprehensive Water Plan- 2015 (update slated for adoption Q4 2024)
- City of Tukwila Surface Water Comprehensive Plan- 2024 Update
- City of Tukwila Comprehensive Sanitary Sewer Plan -2013 (update slated for adoption Q4 2024)
- City of Tukwila Parks, Recreation and Open Space (PROS) Plan- 2020 (to be updated in 2025-26)
- Resolution 1906- Green Tukwila 20 Year Stewardship Plan (2017)
- Strategic Arts Plan (2024)
- Economic Development Strategy (2023)
- ADA Transition Plan (2017)
- City Strategic Plan (2012)
- Urban Tree Canopy Assessment (2012)
- Facilities Needs Assessment and Feasibility Studies
    - Phase I Space Needs Analysis (2014)
    - Phase 2 Facilities Assessment (2014)
    - Phase 3 Evaluation of Alternatives (2014)
    - Phase 4 Funding and Financing Options (2015)
- Tukwila Teen & Senior Center Project (2022)

Return to CIP TOC

CAPITAL IMPROVEMENT FINANCING STRATEGY

Consistent with established financial and debt service policies, CIP funding for the next two years relies on existing, available fund balances and projected revenues from Real Estate Excise Tax (REET), Impact Fees, Utility Rates, bond proceeds, state and federal grants, loans and other sources. These revenues are usually dedicated to capital purposes and are not available to support operating costs. Most revenues for capital projects come with restrictions. Utility rates may only be used for projects of the respective utility; REET 1 and 2 is reserved for capital projects to help develop a community's public infrastructure (e.g., parks, open space, and streets). The City's capital financing strategy has been to use these restricted revenues on a "pay as you go" basis for needed improvements.

While City Financial Policies discourage reliance on General Fund support for funding of capital projects, General Fund project transfers are made to support certain capital and governmental projects. The contribution required is based on the financial status of the project fund (such as the Arterial Street Fund, the Land/Parks Acquisition Fund, etc.), the amount of dedicated revenues received into the fund, the amount of specific funding sources such as grants and the amount of the existing fund balance.

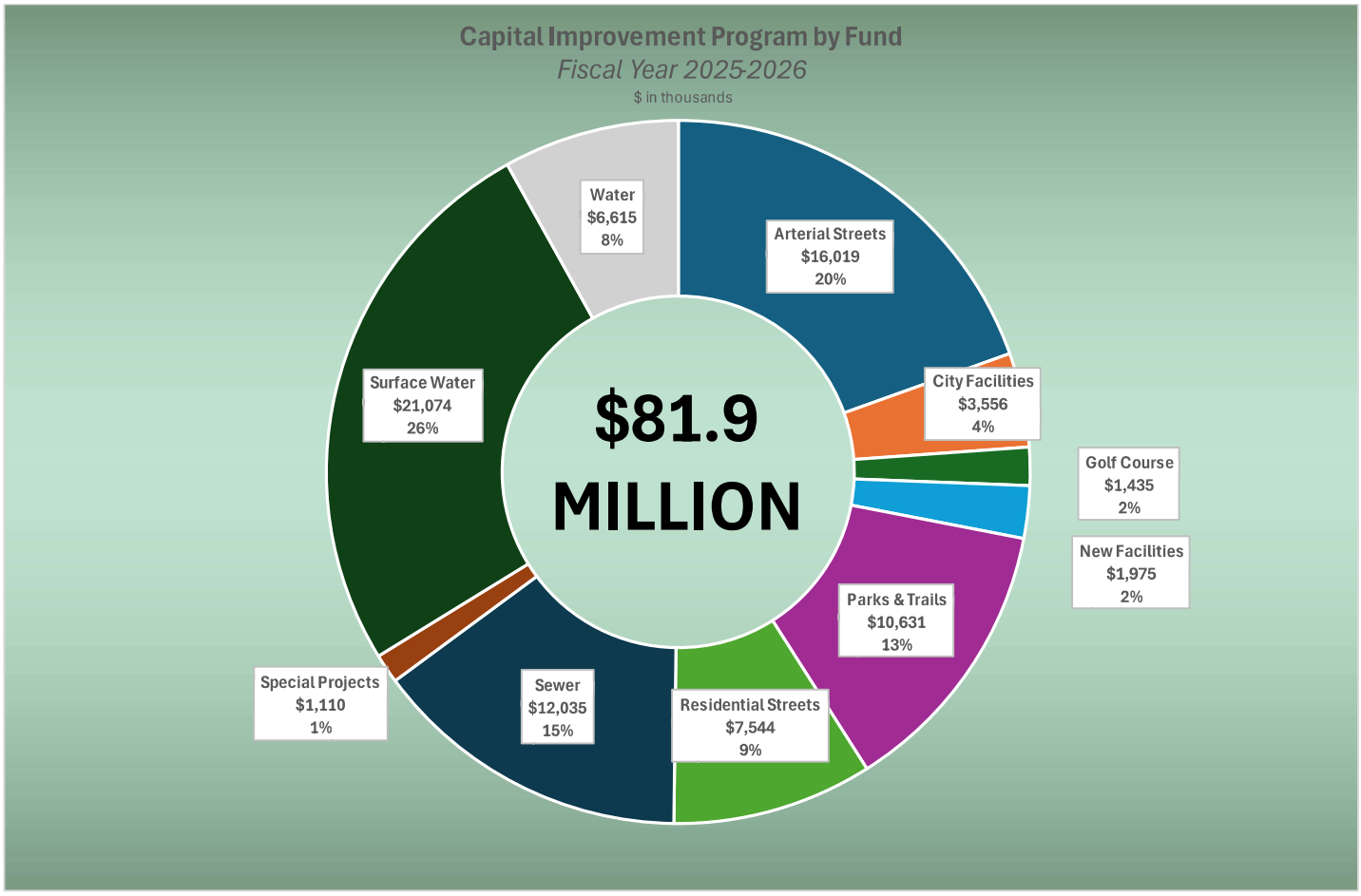
Return to CIP TOC

The following table provides an overview of the CIP financing strategy:

	Capital Improvement Program Financing					
	REET 1	**REET 2**	**General Purpose Revenues**	**Utilities**	**Impact Fees**	**Grants**
Purpose	**Planning, acquisition, construction, reconstruction, repair, replacement, rehabilitation, improvement**	**Planning, acquisition, construction, reconstruction, repair, replacement, rehabilitation, or improvement of**	**Varies**	**Operating, managing, maintaining, erecting, acquiring**	**One-time charges assessed by a local government against a new development project to help pay for new or expanded public facilities that will directly address the increased demand for services created by that development.**	**Varies**
Eligible Activities/Projects	*Streets; roads; highways; sidewalks; street and road lighting systems; traffic signals; bridges; domestic water systems; storm and sanitary sewer systems; parks; recreational facilities; law enforcement facilities; fire protection facilities; trails; libraries; administrative facilities; judicial facilities; river flood control projects; waterway flood control projects*	*Streets, roads, highways, sidewalks, street and road lighting systems, traffic signals, bridges, domestic water systems, storm and sanitary sewer systems*	*Flexible purposes*	*Water- waterworks, storing/retaining water, erecting aqueducts, pipe lines, dams or waterworks, protection of water suppy from pollution, etc. Sewer - related to sanitary or combination of sewers, pumping stations, disposal plants, water mains, hydrants, reservoirs or appertenances; Stormwater - water supply, water quality, water resource and habitat protection & management*	*• Public streets and roads • Publicly owned parks, open space, and recreation facilities • School facilities • Fire protection facilities*	*Non-repayable funds sometimes requiring a local match (money; in-kind services; materials; equipment; labor, etc.)*
Tukwila Financing Strategy	**Parks** Construction Maintenance **Open Space** Property Acquisition Planning Improvements **Public Buildings** Repair Maintenance Planning & Design	**Bridges & Streets** Construction Maintenance	**Equipment** Vehicle Replacement **Technology** Computers Software Communications **Bridges & Streets** Construction Maintenance	**Sanitary Sewer** Construction Maintenance **Storm Water** Construction Maintenance **Water** Construction Maintenance	**Parks** System improvements **Fire** System improvements **Transportation** System improvements	**Parks** Construction Maintenance **Open Space** Property Acquisition Planning Improvements **Public Buildings** Repair Maintenance Planning & Design **Streets** Construction Maintenance **Sanitary Sewer** Construction Maintenance **Storm Water** Construction Maintenance **Water** Construction Maintenance

Return to CIP TOC

Capital Improvement Program by Fund



Capital Outlay in the Operating Budget

In addition to the CIP, the City funds an equipment replacement internal service fund for vehicles owned and operated by the City. Funds and departments that utilize the equipment transfer funds to the internal service fund to purchase and replacement of the vehicles.

The City also funds equipment for general fund departments out of general fund tax dollars. Capital outlay in the general fund includes technology, exercise equipment, and department specific equipment.

Impact on the Operating Budget

The City's operating budget is directly affected by the CIP. When certain types of capital projects are developed and completed, they also have ongoing financial impacts. For example, if the City were to construct a new park, the operating budget would either increase to accommodate additional staffing and supplies or existing staffing and supplies would remain at the same level but be required to be spread across more parks.

Return to CIP TOC

Project Accounting

Capital Improvement Projects are categorized within the following Funds and adopted on a multi-year basis:

Government Funds

- **Fund 000 Special Projects:** New to the 2025-2030 CIP, this includes projects that don't meet traditional definition of a single fund. In the 2025-26 biennium, Special Projects will support World Cup preparations as well as Tukwila's first-ever People's Project, a participatory budgeting initiative that allows residents to have a direct say in a capital improvement for their community.
- **Fund 103 Residential Streets:** Established in accordance with RCW 35A.37.010 to account for maintenance and improvement of the City's residential streets. Major sources of support are the State-levied tax on motor vehicle fuels distributed to Tukwila to be used for City street purposes, state and federal grants, and transfers in from the General Fund.
- **Fund 104 Bridges and Arterial Streets**: was established in accordance with RCW 82.36.020 for the administration of the State-levied motor vehicle half-cent gasoline tax distributed to Tukwila and is used primarily to account for capital arterial street projects. In addition to the State-levied motor vehicle gasoline tax, other revenue includes state and federal grants, impact fees, and transfers in from the general fund.
- **Fund 301 Land Acquisition, Recreation, and Park Development**: Accounts for the acquisition of land, development of land, and construction of park facilities.
- **Fund 302 Urban Renewal:** Established in 1988, this fund accounts for costs associated with property owned by the City that will be utilized for redevelopment or renewal purposes. This fund will be dissolved and its fund balance transferred to the General Fund.
- **Fund 303 City Facilities:** This fund was established in 1992 to provide funding for minor capital improvements not related to parks, land acquisition, or major building replacements.
- **Fund 304 Fire Improvements:** This fund is to be used for the acquisition of land, development of land and construction of fire facilities. Revenue for this fund comes primarily from fire impact fees.
- **Fund 305 Public Safety**: The Public Safety Plan fund was established in 2016 after voters approved a $77.4 million bond measure to construct a justice center, rebuild 3 fire stations, and provide for life-cycle replacement of fire department apparatus and equipment.
- **Fund 306 New Facilities:** was established in 2016 to account for costs of building a new Public Works Shop facility. The public works shop facility is part of the City's public safety plan but is not included in the voter-approved bonds. The City issued bonds in 2021 for the general fund portion of the phase 1 improvements associated with the Public Works Shop project. The Tukwila Parks and Recreation Department is currently in discussions with a local non-profit concerning the construction, staffing, and potential programmatic offerings to be provided by a future proposed mixed-used health center and recreational facility.

Proprietary Funds

- **Fund 401 Water Utility Fund** accounts for operations and capital improvements to provide water services to the City.
- **Fund 402 Sewer Utility Fund** accounts for operations and capital improvements to provide sanitary sewer services to the City.
- **Fund 412 Surface Water Utility Fund** accounts for the operations and capital improvements for the City's storm drainage and surface water management function
- **Fund 411 Foster Golf Course Fund** is used to account for the operation, maintenance, and improvements of the municipal golf course facility and its associated equipment.

Return to CIP TOC

The 2025-30 CIP provides an implementation schedule for each of the projects that provides for:

- Coordination and timing of project construction/acquisition among other competing needs
- Estimate of each project's costs
- Estimated timeline for completing of the project
- Anticipated sources of revenue for financing the project
- Estimate of the impact on each project on ongoing operating expenditures, where possible

Operating impact information has been forecasted, where possible, from the scheduled completion date of the project. The CIP attempts to meet the highest priority needs of the community. It will be continually evaluated in the future to ensure that it is consistent with the priorities of the City Council, with financial policies, and the available resources of the City.

The major items in the CIP are categorized by type of project, then itemized by project title, year, and cost on the summary sheets of the CIP document. The project detail sheets for individual projects anticipated within the next six years of the program follow the summary sheets. . The types of projects included in the CIP are categorized and associated with a designated Fund that groups similar projects for tracking revenues and expenditures:

The total CIP budget for the six-year CIP is as follows:

Summary of Capital Improvement Program Projects in the 2025-2030 CIP

Project Type (costs in thousands)	2025	2026	2027	2028	2029	2030	Total
Arterial Streets	$6,660	$9,359	$49,360	$21,273	$6,550	$6,610	$99,812
City Facilities	$2,981	$575	$1,375	$774	$290	$155	$6,150
Golf Course	$615	$820	$3,739	$345	$351	$357	$6,227
New Facilities	$1,075	$900	$0	$0	$0	$0	$1,825
Parks & Trails	$4,137	$6,494	$6,947	$7,171	$3,237	$2,746	$30,732
Residential Streets	$1,239	$6,305	$5,143	$770	$3,885	$765	$18,107
Sewer	$6,770	$5,265	$5,665	$3,170	$3,265	$3,565	$27,700
Special Projects	$305	$805	$55	$55	$55	$55	$1,330
Surface Water	$10,473	$10,601	$18,670	$9,848	$5,523	$9,253	$64,368
Water	$3,750	$2,865	$1,780	$5,300	$13,610	$14,225	$41,530
Grand Total	$38,005	$43,989	$92,734	$48,706	$36,766	$37,731	$297,931

Return to CIP TOC

CAPITAL PROJECT HIGHLIGHTS

Below are the significant **new elements** of the 2025-2030 Capital Improvement Program.

Residential Streets

Residential street improvements in the 2025-2026 CIP include several key projects aimed at enhancing pedestrian and cyclist safety, as well as general street improvements. Notable projects include the South 152nd Street Pedestrian and Bike Improvements, which focus on creating a safer route for students walking to nearby schools, and the 46th Avenue South Safe Routes to School Project, which will enhance safety for students. Additionally, the City remains committed to ongoing neighborhood traffic calming efforts through the Traffic Calming/Residential Safety Improvements Program, maintaining funding levels following the loss of ARPA funding.

Bridges

The 42nd Avenue South Bridge Replacement, the bridge next to the Tukwila Community Center, will be a major focus in the next biennium. The project has been delayed but will begin construction in early 2027.

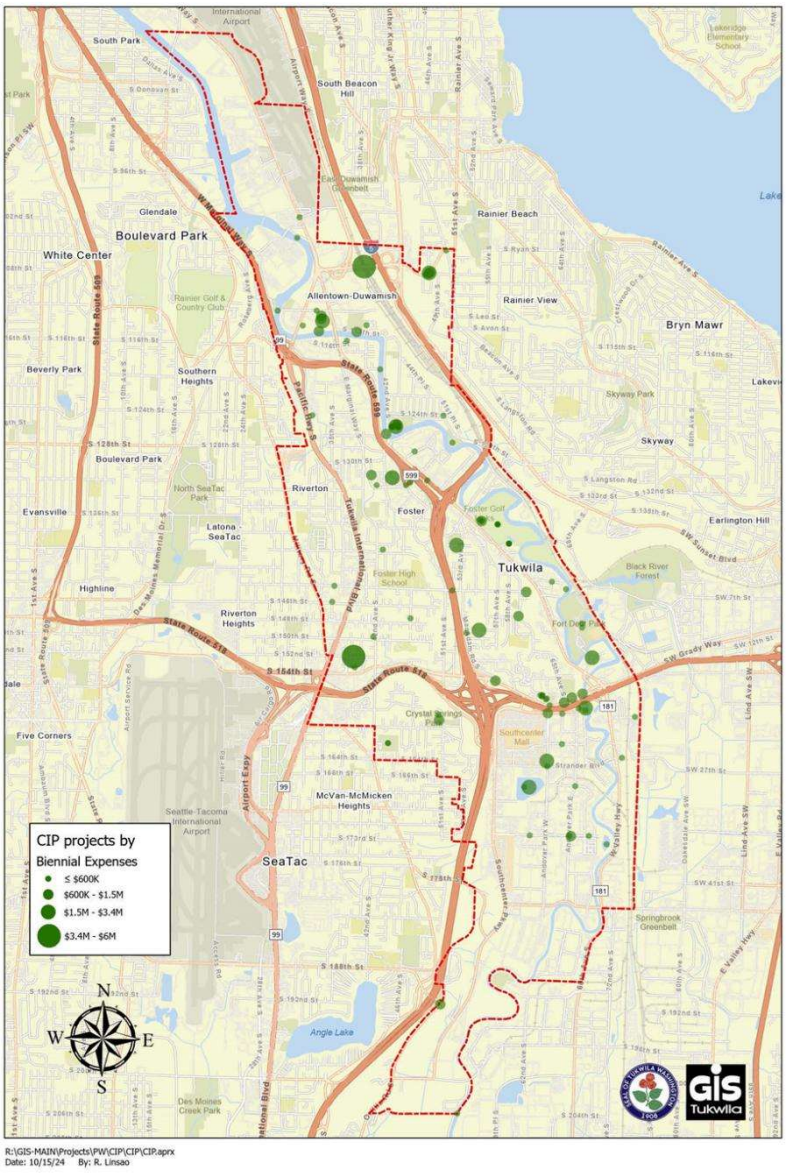
Arterial Streets

The 2025-2026 CIP includes significant improvements to Tukwila's arterial streets, with a focus on enhancing safety, accessibility, and infrastructure resilience. A key highlight is that the City has secured grant funding for three major overlay projects: Boeing Access Road Overlay, Orillia Road South Overlay, and Interurban Avenue South Overlay. These overlays will ensure that these critical roadways remain in good condition and are able to support increased traffic volumes, with minimal impact on local funds.

In addition to these grant-funded projects, the South Ryan Way improvements will provide vital upgrades to one of Tukwila's busiest corridors, while the Southcenter Boulevard/65th Avenue South Signal project will enhance traffic flow and safety at a key intersection.

The Annual Overlay and Repair Program will continue to maintain the overall integrity of arterial streets, focusing on resurfacing and repairing roadways before significant deterioration occurs. By leveraging state and federal grants, the City is able to pursue these critical improvements with substantial external funding support, maximizing the value of local dollars.

CIP Projects by Biennial Expenses (2025-2026)



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Date: 10/15/24 By: R. Linsao

Return to CIP TOC

Parks & Recreation

The 2025-2030 Capital Improvement Program for the City of Tukwila Parks system will include both long-term strategic planning and physical asset investment. A new Parks, Recreation, and Open Space (PROS) Plan will be finalized by Q1 of 2026. Additionally, the 2025-2030 CIP includes the execution of Master Plan projects for the Tukwila Community Center, S 116th Street Parcel, Joseph Foster Memorial Park, and Crestview Park. Improvements and repairs are also planned at Riverton and Crystal Springs Parks, including playground replacements. Parks and Recreation staff continue to research and seek funding sources to support execution of these projects.

Facilities

The 2025-2026 CIP includes key upgrades to City facilities and significant Public Works projects that are essential to Tukwila's infrastructure and community services. However, funding for these facilities has historically been limited, and some major projects currently do not have secure funding moving forward.

For City Facilities (Fund 303), essential projects such as the Tukwila Community Center (TCC) HVAC Replacement Phase 2 will improve energy efficiency and enhance the overall functionality of the building. The City Facilities Furnishings, Fixtures, and Electrical Enhancements project will ensure that city buildings are equipped with modern, functional furnishings and equipment. Additionally, the City Hall Roof Replacement and Pedestrian Bridges Maintenance are critical for maintaining the safety and longevity of city assets.

In Fund 306, two significant projects face challenges due to the lack of established funding moving forward. The first is the Intergenerational Teen and Senior Center, a facility aimed at providing recreational and community space for both teens and seniors, fostering engagement across generations. While this project remains a priority for the City, securing future funding will be essential to its progress.

Similarly, the Public Works Consolidated Shops project is part of a long-term effort to modernize public safety and operations facilities. This project will streamline operations for Tukwila's engineering, utility, and street services, but like the Teen and Senior Center, it currently lacks a funding plan for its next phases for which new debt service would need to be issued.

These projects are critical to Tukwila's future, but the limited availability of funds for facility improvements continues to present challenges. The City will need to explore alternative and additional funding sources and partnerships to advance these projects in the coming years.

Water

The capital component of the Water Enterprise Fund focuses on critical infrastructure improvements needed to support the City's water distribution system. The key project in the 2025-2026 biennium is the Tukwila Water Reservoir, which is vital for ensuring the City has sufficient water storage capacity to meet current and future demand. This project is also necessary to maintain water pressure and supply in the event of system disruptions or emergencies.

In addition to the reservoir, the Fund supports ongoing infrastructure enhancements such as water main replacements and improvements to ensure the system's reliability and longevity. These projects are essential for meeting the City's growth targets and maintaining compliance with water quality standards.

The City's strategy includes phased capital investments to avoid system failures and reduce the need for costly emergency repairs.

Sewer

Return to CIP TOC

The Sewer Enterprise Fund capital component for 2025-2026 includes critical projects such as the Sewer Lift Station 12 Retrofit, the Sewer Lift Station 5 Rebuild, and the Southcenter Blvd Sewer, to increase capacity and system reliability. The Annual Sewer Repair Program will address ongoing maintenance and system improvements, while the Ryan Hill Sewer Revitalization focuses on upgrading failing septic systems. These projects ensure the City's sewer infrastructure meets current and future demands.

Surface Water

The Surface Water Enterprise Fund supports the City's stormwater management efforts, ensuring compliance with federal, state, and local regulations such as the National Pollution Discharge Elimination System (NPDES) permit. The 2025-2026 CIP focuses on several critical drainage and water quality projects, including the S 131st Place Drainage Improvements, the Gilliam Creek Fish Barrier Removal and Habitat Enhancement, and the Chinook Wind Extension. These projects aim to improve stormwater management, reduce flooding, and enhance the ecological health of Tukwila's water bodies.

NOTES TO ENTERPRISE FUNDS

The City of Tukwila's Enterprise Funds account for utility and service operations that are self-sustained through user charges, operating similarly to private businesses. These funds include the **Water**, **Sewer**, **Surface Water**, and **Golf** Funds, each responsible for financing its operations, capital improvements, maintenance, and debt service obligations.

The following notes provide detailed information regarding the rate structures, major capital projects, debt service schedules, and operational updates for the 2025-2030 period. These notes also cover reserve fund policies and interfund utility taxes that impact the financial performance of each fund. Rates are regularly reviewed to ensure they support ongoing operations and necessary capital improvements while adhering to Federal, State, and local regulations.

Throughout 2023 and 2024, FCS Group conducted a comprehensive utility rate study to ensure the fiscal sustainability of the enterprise funds. The reflected rate increases in the 2025-2030 CIP are a result of this study. However, it is important to note that these increases do not account for the additional revenue requirements needed to fund debt service associated with Public Works Shops Phase II. Should that project move forward, rates would need to be further adjusted to meet the corresponding financial obligations.

Key Highlights:

Water Enterprise Fund:

Significant rate increases (9% annually from 2025-2029 and 5% in 2030) are planned to maintain reserves, fund key infrastructure projects (e.g., the construction of a new water reservoir), and cover potential cost increases from the Cascade Water Alliance (CWA). Additionally, the fund's debt service obligations include Public Works Trust Fund loans and bonds related to past infrastructure projects.

Sewer Enterprise Fund:

The Sewer Fund is impacted by both Tukwila's sewer rate adjustments and King County Metro sewer fees, which are passed directly to ratepayers. Capital projects such as the Sewer Lift Station 12 Retrofit and the Ryan Hill Sewer Revitalization are critical components of the 2025-2026 CIP. This fund also manages debt service obligations, including loans and bonds from previous infrastructure projects. Additionally, sewer connection fees are being collected for major projects like those in the Allentown/Foster Point area.

Surface Water Enterprise Fund:

Surface water management is a primary focus of this fund, driven by the need for compliance with the National Pollutant Discharge Elimination System (NPDES) permit. Capital improvements for drainage and water quality, such as the S 131st Place Drainage Improvements and the Gilliam Creek Fish Barrier Removal, are key elements of

Return to CIP TOC

the 2025-2026 capital plan. The fund also leverages grant funding from agencies like the Department of Ecoogy and the King County Flood Control District to supplement ratepayer contributions.

Golf Enterprise Fund:
Supported by green fees, merchandise sales, and contributions from the General Fund, the Golf Fund aims to operate on a break-even basis. While other enterprise funds serve essential utility services, the Golf Fund operates differently, relying on voluntary users. The fund's capital investments are focused on maintaining and enhancing the municipal golf facility, including debt service for prior improvements.

Return to CIP TOC

Fund	Surface Water (412)								
Cost in Thousands (000s)									
JL Key	**Project Name**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Total Costs**	**After six years**
91641204	S 131st Pl Drainage Improvements	$1,805	$1,625	$-	$2,425	$-	$-	$5,855	$-
92341202	Chinook Wind Extension	$1,285	$-	$-	$-	$-	$-	$1,285	$-
82541201	Annual Small Drainage Program	$994	$994	$994	$994	$994	$994	$5,964	$-
91641203	Nelsen Side Channel	$988	$650	$4,645	$10	$-	$-	$6,293	$-
91341203	Levee Program	$850	$850	$850	$850	$850	$850	$5,100	$-
99830105	Gilliam Creek Fish Barrier Removal and Habitat Enhancement	$698	$1,078	$5,802	$-	$-	$-	$7,578	$-
91241202	Stormwater Water Quality Retrofit Program	$625	$2,035	$125	$2,225	$125	$2,225	$7,360	$140
82541202	Gilliam Creek Erosion Repair	$481	$-	$-	$-	$-	$-	$481	$-
91241203	Tukwila Urban Center Conveyance Inspections	$445	$435	$-	$-	$-	$-	$880	$-
99341210	NPDES Program	$344	$144	$144	$144	$144	$144	$1,064	$172
72541203	Lower Green Riverfront Master Plan	$305	$-	$-	$-	$-	$-	$305	$-
92541203	S. 104th St Shoreline Restoration	$272	$10	$210	$210	$5	$5	$712	$5,330
82541203	Riverton Stormwater Management Action Plan - Program CIP	$260	$50	$1,580	$490	$-	$-	$2,380	$-
92241203	Duwamish Hill Preserve Phase 3	$230	$530	$460	$10	$2,660	$2,660	$6,550	$-

Return to CIP TOC

JL Key	Project Name	2025	2026	2027	2028	2029	2030	Total Costs	After six years
72541204	Norfolk Outfall Trunkline Sewer Separation	$180	$-	$-	$-	$-	$-	$180	$-
91641202	Green the Green Program	$145	$145	$145	$145	$145	$145	$870	$145
92341201	Decant Facility	$145	$900	$1,230	$60	$-	$-	$2,335	$-
32341201	Comprehensive Landslide Risk and Assessment	$140	$150	$250	$250	$-	$-	$790	$-
72341203	Enhanced Maintenance Plan	$100	$-	$-	$-	$-	$-	$100	$-
70041201	Regional Surface Water Partnerships	$80	$85	$105	$105	$105	$105	$585	$105
32541201	WSDOT Stormwater Retrofit & Maintenance	$60	$110	$110	$625	$10	$10	$925	$-
72541202	Johnson Creek Fish Barrier Mitigation Alternatives Analysis	$35	$5	$-	$-	$-	$-	$40	$25
91441202	Chinook Wind Public Access Project	$6	$-	$-	$-	$-	$-	$6	$-
72541201	Fish Passage Barrier Prioritization Study	$-	$195	$-	$-	$-	$-	$195	$-
92541201	Fort Dent Park Water Quality Retrofit	$-	$-	$-	$-	$-	$-	$-	$445
12541201	Green Infrastructure Program	$-	$205	$205	$205	$205	$205	$1,025	$205
98741202	Nelsen/Longacres Ph II	$-	$-	$-	$1,100	$-	$-	$1,100	$-
72541205	P17 Pond and Southcenter Subarea Hydraulic Study	$-	$175	$175	$-	$-	$-	$350	$-

Return to CIP TOC

JL Key	Project Name	2025	2026	2027	2028	2029	2030	Total Costs	After six years
98641222	Regional Surface Water Partnerships	$-	$230	$1,640	$-	$-	$-	$1,870	$-
92541202	Ryan Way Pipe Rehabilitation	$-	$-	$-	$-	$-	$-	$-	$865
90341214	S 146th St Pipe & 35th Ave S Drainage System	$-	$-	$-	$-	$280	$1,605	$1,885	$-
91241205	Tukwila Parkway Gilliam Creek Outfalls	$-	$-	$-	$-	$-	$305	$305	$1,230
92541204	Tukwila Pond Water Quality Improvement	$-	$-	$-	$-	$-	$-	$-	$983
Total		$10,473	$10,601	$18,670	$9,848	$5,523	$9,253	$64,368	$9,645

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**S 131st Pl Drainage Improvements**	**Project #**	**91641204**
Project Manager	Joshua Hopkins	**Department**	Surface Water

DESCRIPTION:	Developing alternate horizontal alignment for Southgate Creek in conjunction with replacing a fish barrier culvert. Scope expanded in 2024 to increase hydraulic analysis limits to address persistent flooding not addressed with the preliminary hydraulic design.
JUSTIFICATION:	Southgate Creek overtops its bank several times per year during storm events and runs through private property. Debris is deposited within a private driveway and storm system.
STATUS:	HPA permitted dredging is performed annually on the creek to remove excess sedimentation to reduce the likelihood of flooding.
MAINTENANCE IMPACT:	Project will include 1-year contract maintenance and typically 2-to-4 years of plant establishment. Project improvements will be turned over to surface water division for routine maintenance.
COMMENT:	Project applied for Department of Ecology design development funding and Conservation Futures property acquisition grant to support the expanded hydraulic analysis. Assumes estimated 2028 construction.

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 25	$ 25	$ -	$ 25	$ -	$ -	$ -	$ 75
Planning	$ 780	$ 600	$ -	$ -	$ -	$ -	$ -	$ 1,380
Land (R/W)	$ 1,000	$ 1,000	$ -	$ -	$ -	$ -	$ -	$ 2,000
Construction Mgmt.	$ -	$ -	$ -	$ 400	$ -	$ -	$ -	$ 400
Construction	$ -	$ -	$ -	$ 2,000	$ -	$ -	$ -	$ 2,000
Total Project Costs	**$ 1,805**	**$ 1,625**	**$ -**	**$ 2,425**	**$ -**	**$ -**	**$ -**	**$ 5,855**
Project Funding								
Awarded Grant	$ 706	$ -	$ -	$ -	$ -	$ -	$ -	$ 706
Proposed Grant	$ 1,105	$ 1,625	$ -	$ 1,600	$ -	$ -	$ -	$ 4,330
Utility Revenues	$ 205	$ -	$ -	$ 825	$ -	$ -	$ -	$ 1,030
Total Project Funding	**$ 2,016**	**$ 1,625**	**$ -**	**$ 2,425**	**$ -**	**$ -**	**$ -**	**$ 6,066**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Chinook Wind Extension**	**Project #**	**92341202**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	Following the Public Works Facility Preferred Master Plan (2019) and the Duwamish Gardens Opportunities for Expansion Concept Plan (2013), this project will develop connecting shoreline habitat and the 'missing trail link' between Duwamish Gardens and Chinook Wind within recently acquired City property.		
JUSTIFICATION:	This is a Tier 1 project in the WRIA 9 Salmon Recovery Plan, fulfilling a core recovery strategy of restoring, protecting and enhancing estuary habitat in the Duwamish River. The trail connection has been discussed in the community for many years and is anticipated to be part of larger, popular shoreline trail.		
STATUS:	The project is currently at 50% design.		
MAINTENANCE IMPACT:	This is a work in progress. The Green Infrastructure Program Proposal is intended, in part, to address maintenance needs for PW-initiated habitat restoration projects and helping to alleviate pressure on Parks' given resource constraints. Note that vegetation management maintenance needs decrease over time as planted vegetation matures. 3 years is considered a rule of thumb for plant establishment.		
COMMENT:	This grant funded project is being implemented as part of the PW Shops Ph 2 project. There are expectations by the granting agency that the project will be constructed. It is the middle link of the Duwamish Gardens/Chinook Wind trail and "blue belt" aquatic restoration corridor.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 10	$ -	$ -	$ -	$ -	$ -	$ -	$ 10
Design	$ 50	$ -	$ -	$ -	$ -	$ -	$ -	$ 50
Construction Mgmt.	$ 200	$ -	$ -	$ -	$ -	$ -	$ -	$ 200
Construction	$ 1,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000
Contingency	$ 25	$ -	$ -	$ -	$ -	$ -	$ -	$ 25
Total Project Costs	**$ 1,285**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,285**
Project Funding								
Proposed Grant	$ 1,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000
Utility Revenues	$ 285	$ -	$ -	$ -	$ -	$ -	$ -	$ 285
Total Project Funding	**$ 1,285**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,285**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Annual Small Drainage Program**	**Project #**	**82541201**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	Select, design, and construct small drainage projects throughout the City.		
JUSTIFICATION:	Provide drainage corrections for existing/ongoing drainage problems throughout the City, including culvert replacements, drain extensions, and pavement upgrades.		
STATUS:	Projects for this annual program are taken from Small Drainage Project List.		
MAINTENANCE IMPACT:	N/A		
COMMENT:	Ongoing project, only one year shown in first column. Construction expenses may occur over two calendar years.		

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 24	$ 24	$ 24	$ 24	$ 24	$ 24	$ -	$ 144
Design	$ 110	$ 110	$ 110	$ 110	$ 110	$ 110	$ -	$ 660
Construction Mgmt.	$ 110	$ 110	$ 110	$ 110	$ 110	$ 110	$ -	$ 660
Construction	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ -	$ 4,500
Total Project Costs	**$ 994**	**$ 994**	**$ 994**	**$ 994**	**$ 994**	**$ 994**	**$ -**	**$ 5,964**
Project Funding								
Utility Revenues	$ 994	$ 994	$ 994	$ 994	$ 994	$ 994	$ -	$ 5,964
Total Project Funding	**$ 994**	**$ 994**	**$ 994**	**$ 994**	**$ 994**	**$ 994**	**$ -**	**$ 5,964**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Nelsen Side Channel**	**Project #**	**91641203**
Project Manager	Mike Perfetti	**Department**	Surface Water

DESCRIPTION:	Create a multibeneficial project that restores off-channel salmon rearing habitat by setting back the I-405 levee, reconnecting a segment of historic river channel and providing public shoreline access.
JUSTIFICATION:	Off-channel habitat for threatened Chinook Salmon and other salmon is extremely limited in the Lower Green River. WRIA 9 has identified this project in the Salmon Habitat Plan. It was identified in the 2013 Surface Water Comprehensive Plan.
STATUS:	The City has recieved grant funds for project design. City staff is proposing to purchase adjacent property to expand the project site. Design will begin in 2024-25.
MAINTENANCE IMPACT:	This is a work in progress. The Green Infrastructure Program Proposal is intended, in part, to address maintenance needs for PW-initiated habitat restoration projects and helping to alleviate pressure on Parks, given resource constraints. Note that vegetation management maintenance needs decrease over time as planted vegetation matures. 3 years is considered a rule of thumb for plant establishment.
COMMENT:	This is one of the only opportunities to create critically needed off-channel habitat on public lands along the lower Green River in Tukwila. There is potential to roughly triple the project site by acquiring adjacent, vacant and largely (if not entirely) undevelopable property.

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 20	$ 10	$ 20	$ 10	$ -	$ -	$ -	$ 60
Design	$ 600	$ 625	$ -	$ -	$ -	$ -	$ -	$ 1,225
Land (R/W)	$ 268	$ -	$ -	$ -	$ -	$ -	$ -	$ 268
Construction Mgmt.	$ -	$ -	$ 385	$ -	$ -	$ -	$ -	$ 385
Construction	$ -	$ -	$ 4,200	$ -	$ -	$ -	$ -	$ 4,200
Contingency	$ 100	$ 15	$ 40	$ -	$ -	$ -	$ -	$ 155
Total Project Costs	**$ 988**	**$ 650**	**$ 4,645**	**$ 10**	**$ -**	**$ -**	**$ -**	**$ 6,293**
Project Funding								
Awarded Grant	$ 815	$ 150	$ -	$ -	$ -	$ -	$ -	$ 965
Proposed Grant	$ -	$ 500	$ 4,295	$ -	$ -	$ -	$ -	$ 4,795
Utility Revenues	$ 173	$ -	$ 350	$ 10	$ -	$ -	$ -	$ 533
Total Project Funding	**$ 988**	**$ 650**	**$ 4,645**	**$ 10**	**$ -**	**$ -**	**$ -**	**$ 6,293**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Levee Program**	**Project #**	**91341203**
Project Manager	Sherry Edquid	**Department**	Surface Water
DESCRIPTION:	Reconstruct levees to provide 500-year level of flood protection in the Southcenter subarea, obtain levee certification of the 205 levee and coordinate with the King County Flood Control District and/or US Army Corps of Engineers on other levee projects.		
JUSTIFICATION:	The US Army Corps of Engineers no longer provides levee certification services to federally authorized levees. The existing 205 levee certification expired in August 2013. Certification is required for the Federal Emergency Management Agency to accredit the levee system as providing a 100-year level of flood protection. This also funds the Levee Project Manager position to coordinate with King County Flood Control District and US Army Corps of Engineers.		
STATUS:	This program is just in its infancy as we reconstruct levees to provide 500-year level of flood protection in the Southcenter subarea.		
MAINTENANCE IMPACT:	N/A		
COMMENT:	N/A		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 150	$ 150	$ 150	$ 150	$ 150	$ 150	$ -	$ 900
Design	$ 700	$ 700	$ 700	$ 700	$ 700	$ 700	$ -	$ 4,200
Total Project Costs	**$ 850**	**$ 850**	**$ 850**	**$ 850**	**$ 850**	**$ 850**	**$ -**	**$ 5,100**
Project Funding								
Utility Revenues	$ 850	$ 850	$ 850	$ 850	$ 850	$ 850	$ -	$ 5,100
Total Project Funding	**$ 850**	**$ 850**	**$ 850**	**$ 850**	**$ 850**	**$ 850**	**$ -**	**$ 5,100**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Gilliam Creek Fish Barrier Removal and Habitat Enhancement Project**	**Project #**	**99830105**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	Construct fish passage improvements at existing flap gate and restore salmonid habitat; replace flap gate which may include a self-regulating tide gate or flood wall.		
JUSTIFICATION:	Enable fish access to lower Gilliam Creek under wider range of flow conditions; fish barrier per WDFW and City; WRIA 9 salmon habitat project.		
STATUS:	Alternatives Analysis Design completed in 2023.		
MAINTENANCE IMPACT:	M&O is typically 3-5 years for HPA permits to revegetate streambanks following barrier removal.		
COMMENT:	City applied to NOAA grants (Fish Passage & Transformational Habitat) in 2023 for design development and construction funding for the preferred alternative (estimated $24 M). City was not selected for one of the two grants. Meanwhile, the 66th Ave S culvert, tide gate and upstream debris rack (fish barriers) are causing erosion of the streambanks upstream of the 66th Ave S culvert. Permitting agencies may require fish passage as a condition of permits to repair the aforementioned erosion.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 78	$ 78	$ 78	$ -	$ -	$ -	$ -	$ 234
Design	$ 620	$ 1,000	$ -	$ -	$ -	$ -	$ -	$ 1,620
Construction Mgmt.	$ -	$ -	$ 1,076	$ -	$ -	$ -	$ -	$ 1,076
Construction	$ -	$ -	$ 4,648	$ -	$ -	$ -	$ -	$ 4,648
Total Project Costs	**$ 698**	**$ 1,078**	**$ 5,802**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,578**
Project Funding								
Awarded Grant	$ 680	$ -	$ -	$ -	$ -	$ -	$ -	$ 680
Proposed Grant	$ -	$ 1,000	$ 5,802	$ -	$ -	$ -	$ -	$ 6,802
Utility Revenues	$ 18	$ 78	$ -	$ -	$ -	$ -	$ -	$ 96
Total Project Funding	**$ 698**	**$ 1,078**	**$ 5,802**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,578**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Stormwater Water Quality Retrofit Program**	**Project #**	**91241202**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	Plan, design, and install water quality treatment and other stormwater conveyance improvements at targeted drainage locations.		
JUSTIFICATION:	Most surface water is discharged directly to receiving water bodies untreated.		
STATUS:	Water quality retrofit has been added to CIP projects since 2015.		
MAINTENANCE IMPACT:	N/A		
COMMENT:	Combine with other CIP projects for design and construction, where feasible.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 25	$ 25	$ 25	$ 25	$ 25	$ 25	$ 25	$ 175
Design	$ 100	$ 300	$ 100	$ -	$ 100	$ -	$ 20	$ 620
Construction Mgmt.	$ 100	$ 300	$ -	$ 400	$ -	$ 400	$ 15	$ 1,215
Construction	$ 400	$ 1,410	$ -	$ 1,800	$ -	$ 1,800	$ 80	$ 5,490
Total Project Costs	**$ 625**	**$ 2,035**	**$ 125**	**$ 2,225**	**$ 125**	**$ 2,225**	**$ 140**	**$ 7,500**
Project Funding								
Awarded Grant	$ 125	$ 1,410	$ -	$ -	$ -	$ -	$ -	$ 1,535
Proposed Grant	$ 425	$ 300	$ -	$ 1,530	$ -	$ 1,530	$ -	$ 3,785
Utility Revenues	$ 75	$ 325	$ 125	$ 695	$ 125	$ 695	$ 140	$ 2,180
Total Project Funding	**$ 625**	**$ 2,035**	**$ 125**	**$ 2,225**	**$ 125**	**$ 2,225**	**$ 140**	**$ 7,500**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Gilliam Creek Erosion Repair**	**Project #**	**82541202**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	Stabilize and protect eroded streambank slopes upstream of the 66th Ave S culvert inlet		
JUSTIFICATION:	This project is intended to protect the 66th Ave S roadway infrastructure and prevent future flooding to Southcenter.		
STATUS:	The project has been scoped for design, permitting and construction and a grant applied for with the Flood Control District to cover all costs.		
MAINTENANCE IMPACT:	M&O is for three years, so 3x $8,400. Mitigation is expected in the form of vegetation restoration for temporary and permanent impacts, cost is unknown.		
COMMENT:	This work is to occur during the in-water work window for the Green River and Gilliam Creek and may require mitigation for project impacts to aquatic and stream buffer habitat.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Design	$ 128	$ -	$ -	$ -	$ -	$ -	$ -	$ 128
Construction Mgmt.	$ 90	$ -	$ -	$ -	$ -	$ -	$ -	$ 90
Construction	$ 263	$ -	$ -	$ -	$ -	$ -	$ -	$ 263
Total Project Costs	**$ 481**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 481**
Project Funding								
Proposed Grant	$ 481	$ -	$ -	$ -	$ -	$ -	$ -	$ 481
Total Project Funding	**$ 481**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 481**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Tukwila Urban Center Conveyance Inspections**	**Project #**	**91241203**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	The network of storm pipes in the core retail area of Tukwila has not been inspected in the last several decades. Because there have been no inspections, pipe condition is unknown and rehabilitation, repair, and replacement needs are therefore unknown. It is likely that a significant amount of sediment exists within the storm network in that area. Several stormwater pipes have been selected as higher priority because of the large pipe sizes and more significant impact should a pipe fail. The selected area includes 1)Andover Park E from S. 180th Street to Minkler Boulevard, 2) 36" pipe from Minkler Boulevard to Azteca Restaurant, 3) Andover Park West from Tukwila Parkway to S 180th Street, 4) Minkler Boulevard from Southcenter Parkway to ditches at Andover Park West, and 5) Minkler Boulevard to Industry Drive.		
JUSTIFICATION:	Blockage of stormwater system may lead to flooding and water quality degradation. Pipes have not been cleaned or inspected since installation.		
STATUS:	Prioritize project given the length of time its been identified. Internal discussions in 2024 to set up for work in 2025.		
MAINTENANCE IMPACT:	O&M inspects and maintains pipes, catch basins and other assets as part of normal operations. This project will require participation by O&M but will largely relieve ongoing O&M burden.		
COMMENT:	In order to assess the pipe conditions, the storm drain pipes will be cleaned and the sediment will be disposed of. Then the pipe interior will be inspected using a remote-control camera. The inspection will be recorded. Rehabilitation, repair, and replacement needs will then be known and prioritized.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 15	$ 15	$ -	$ -	$ -	$ -	$ -	$ 30
Design	$ 200	$ 390	$ -	$ -	$ -	$ -	$ -	$ 590
Construction Mgmt.	$ 20	$ 20	$ -	$ -	$ -	$ -	$ -	$ 40
Construction	$ 200	$ -	$ -	$ -	$ -	$ -	$ -	$ 200
Contingency	$ 10	$ 10	$ -	$ -	$ -	$ -	$ -	$ 20
Total Project Costs	**$ 445**	**$ 435**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 880**
Project Funding								
Utility Revenues	$ 445	$ 435	$ -	$ -	$ -	$ -	$ -	$ 880
Total Project Funding	**$ 445**	**$ 435**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 880**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**NPDES Program**	**Project #**	**99341210**
Project Manager	Russell Betteridge	**Department**	Surface Water

DESCRIPTION:	Provide programmatic implementation support of the State DOE Phase II Western Washington NPDES permit. The Annual Surface Water Management Plan specifies a NPDES reporting and action plan for City compliance. The services/supplies funds will also include any illicit discharge (spill cleanup) costs that may occur in the City's right-of-way.
JUSTIFICATION:	State Mandated Permit "National Pollutant Discharge Elimination System (NPDES) Phase II Western Washington". Federal Clean Water Act and Additional State Waste Discharge Permit RCW 90.48. NPDES requirements are ongoing with new permit requirements every 5 years (2024-2029). Requirements cover all divisions of the city including Public Works, Golf/Parks, Police, Planning, and Facilities. Costs shown include emergency supplies, testing equipment, Lab testing fees, and annual consultant support. Added requirements require changes to conform with NEW requirements, e.g. New Inspection and street sweeping requirements will require more staff time to complete and document as well as new equipment and supplies.
STATUS:	Currently Compliant with new permit updates in the planning phase.
MAINTENANCE IMPACT:	The City is typically granted Capacity Grant funds to cover much of the coordination expenses and some of the additional expenses. Each division should track costs incurred to manage pollution such as spill kits, staff time for surface water pollution prevention inspections on qualifying city facilities and during field operations within the jurisdiction. This cost is not accounted for in the impact cost above.
COMMENT:	In addition to the NPDES permit, there are specific actions undertaken to assist in the Lower Duwamish Superfund compliance effort, such as source control inspections, PCB investigations and discharge responses.

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 72	$ 72	$ 72	$ 72	$ 72	$ 72	$ 86	$ 518
Design	$ 200	$ -	$ -	$ -	$ -	$ -	$ -	$ 200
Planning	$ 72	$ 72	$ 72	$ 72	$ 72	$ 72	$ 86	$ 518
Total Project Costs	**$ 344**	**$ 144**	**$ 144**	**$ 144**	**$ 144**	**$ 144**	**$ 172**	**$ 1,236**
Project Funding								
Proposed Grant	$ -	$ 130	$ -	$ 130	$ -	$ 130	$ -	$ 390
Utility Revenues	$ 279	$ 79	$ 79	$ 79	$ 79	$ 79	$ 79	$ 753
Total Project Funding	**$ 279**	**$ 209**	**$ 79**	**$ 209**	**$ 79**	**$ 209**	**$ 79**	**$ 1,143**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Lower Green Riverfront Master Plan**	**Project #**	**72541203**
Project Manager	Joshua Hopkins	**Department**	Surface Water

DESCRIPTION: Flood protection projects sponsored by KCFCD and federal partners are imminent. City will need to begin master planning immediately in order to guide aesthetic and community considerations of these projects.

JUSTIFICATION: The Tukwila Levee Accreditation Phase 1 (NHC, 2015) & Phase 2 (NHC, 2019) are guiding documents for City flood hazard management priorities and recommendations for implementation on the 205 Levee. The KCFCD has adopted the prioritized projects to the KCFCD CIP list for implementation. City needs to plan and develop preferred alternatives to guide the KCFCD CIP implementation.

STATUS: Project CIP identified in 2024 Surface Water Comp Plan. Funding needs to be budgeted and an RFQ/RFP advertised to contract with a consultant.

MAINTENANCE IMPACT: N/A

COMMENT: N/A

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 30	$ -	$ -	$ -	$ -	$ -	$ -	$ 30
Planning	$ 275	$ -	$ -	$ -	$ -	$ -	$ -	$ 275
Total Project Costs	**$ 305**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 305**
Project Funding								
Utility Revenues	$ 305	$ -	$ -	$ -	$ -	$ -	$ -	$ 305
Total Project Funding	**$ 305**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 305**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**S. 104th St Shoreline Restoration**	**Project #**	**92541203**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	The armored bank on an outside bend of the Duwamish River adjacent to S. 104th Street is steep and subject to erosion and potential failure. This project would analyze site conditions and develop solutions to create a sustainable shoreline that can withstand hydraulic forces, reduce erosional risk to uplands and provide ecological value.		
JUSTIFICATION:	This is project DUW-26 in the WRIA 9 2021 Salmon Recovery Plan Update. The City roadway and adjacent properties and utilities may be at risk under current conditions.		
STATUS:	The project is running behind schedule; the intent is to start with a geotechnical analysis of the bank, analysis of existing conditions and conceptual feasibility and alternative design.		
MAINTENANCE IMPACT:	This is a work in progress. The Green Infrastructure Program Proposal is intended, in part, to address maintenance needs for PW-initiated habitat restoration projects and helping to alleviate pressure on Parks' given resource constraints. Note that vegetation management maintenance needs decrease over time as planted vegetation matures. 3 years is considered a rule of thumb for plant establishment.		
COMMENT:	This project initiatlly appeared in the 2003 Surface Water Comp Plan as "S 104th St Bank Stabilization Project", in response to some observed erosion; despite this, the bank appears somewhat stable, but is extremely steep and cracking is observed on the roadway; some adjacent land uses and access routes have been altered to open up the viability of laying back and restoring the shoreline.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 12	$ 10	$ 10	$ 10	$ 5	$ 5	$ 30	$ 82
Design	$ 250	$ -	$ 200	$ 200	$ -	$ -	$ -	$ 650
Construction Mgmt.	$ -	$ -	$ -	$ -	$ -	$ -	$ 300	$ 300
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,000	$ 4,000
Contingency	$ 10	$ -	$ -	$ -	$ -	$ -	$ 1,000	$ 1,010
Total Project Costs	**$ 272**	**$ 10**	**$ 210**	**$ 210**	**$ 5**	**$ 5**	**$ 5,330**	**$ 6,042**
Project Funding								
Proposed Grant	$ -	$ -	$ 150	$ 150	$ -	$ -	$ 4,500	$ 4,800
Utility Revenues	$ 272	$ 10	$ 60	$ 60	$ 5	$ 5	$ 1,830	$ 2,242
Total Project Funding	**$ 272**	**$ 10**	**$ 210**	**$ 210**	**$ 5**	**$ 5**	**$ 6,330**	**$ 7,042**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Riverton Stormwater Management Action Plan - Program CIP**	**Project #**	**82541203**
Project Manager	Sherry Edquid	**Department**	Surface Water
DESCRIPTION:	This CIP is a program to implement the Stormwater Management Action Plan (SMAP) a new requirement under the NPDES Permit. The SMAP directed the City to invest and prioritize one stream system the city selected Riverton. The SMAP for Riverton Creek identifies four priority stormwater retrofits and a handful of lower priority stormwater retrofits with the goal of improving water quality while accommodating future growth in the basin. Of the four short-term projects we would begin design and possibly construction for two of the four projects over the course of the next six years.		
JUSTIFICATION:	Washington State Department of Ecology will likely require us via the NPDES permit to begin implementing the SMAP necessitating the need to begin design and construction these short-term retrofit projects. The SMAP was also included as part of the Surface Water Comprehensive Plan (SWCP).		
STATUS:	The SMAP provided a basic project description and cost estimate for these projects.		
MAINTENANCE IMPACT:	Surface Water and Transportation		
COMMENT:	I am proposing to implement these two projects SMAP-4 Tukwila International Boulevard: Bust Stop 60983 Water Quality Retrofit and SMAP-5 South 130th St Right of Way Bioretention Planters.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 20	$ 20	$ 20	$ 40	$ -	$ -	$ -	$ 100
Design	$ 230	$ 30	$ 130	$ -	$ -	$ -	$ -	$ 390
Planning	$ 10	$ -	$ -	$ -	$ -	$ -	$ -	$ 10
Land (R/W)	$ -	$ -	$ 10	$ -	$ -	$ -	$ -	$ 10
Construction Mgmt.	$ -	$ -	$ 120	$ 35	$ -	$ -	$ -	$ 155
Construction	$ -	$ -	$ 1,200	$ 375	$ -	$ -	$ -	$ 1,575
Contingency	$ -	$ -	$ 100	$ 40	$ -	$ -	$ -	$ 140
Total Project Costs	**$ 260**	**$ 50**	**$ 1,580**	**$ 490**	**$ -**	**$ -**	**$ -**	**$ 2,380**
Project Funding								
Proposed Grant	$ 208	$ 40	$ 1,264	$ 392	$ -	$ -	$ -	$ 1,904
Utility Revenues	$ 52	$ 10	$ 158	$ 98	$ -	$ -	$ -	$ 318
General Fund Transfer	$ -	$ -	$ 158	$ -	$ -	$ -	$ -	$ 158
Total Project Funding	**$ 260**	**$ 50**	**$ 1,580**	**$ 490**	**$ -**	**$ -**	**$ -**	**$ 2,380**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Duwamish Hill Preserve Phase 3**	**Project #**	**92241203**
Project Manager	Mike Perfetti	**Department**	Surface Water

DESCRIPTION:	The goals of the project are to restore the shoreline to create off-channel habitat and expand the park visitor experience. The park master plan calls for moving a portion of S. 115th Street landward to improve shallow water habitat, water quality and enjoyment of the shoreline. Final design will be informed by a feasibility evaluation and alternatives evaluation process.
JUSTIFICATION:	This project is described in the Duwamish Hill Preserve Park Master Plan and is listed as Project DUW-63 in the WRIA 9 Salmon Habitat Plan (2021)
STATUS:	The project has some funding in the 2023-24 CIP for initial feasibility work. Project initiation and consultant advertisement is planned for 2024.
MAINTENANCE IMPACT:	This is a work in progress. The Green Infrastructure Program Proposal is intended, in part, to address maintenance needs for PW-initiated habitat restoration projects and helping to alleviate pressure on Parks' given resource constraints. Note that vegetation management maintenance needs decrease over time as planted vegetation matures. 3 years is considered a rule of thumb for plant establishment.
COMMENT:	The City completed acquisitions of properties identified in master plan that may be used for this project. Two small additional undeveloped properties are for sale that would expand the park footprint.

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 10	$ 10	$ 20	$ 5	$ 20	$ 20	$ -	$ 85
Design	$ 200	$ 200	$ 400	$ -	$ -	$ -	$ -	$ 800
Land (R/W)	$ -	$ 300	$ -	$ -	$ -	$ -	$ -	$ 300
Construction Mgmt.	$ -	$ -	$ -	$ -	$ 200	$ 200	$ -	$ 400
Construction	$ -	$ -	$ -	$ -	$ 2,000	$ 2,000	$ -	$ 4,000
Contingency	$ 20	$ 20	$ 40	$ 5	$ 440	$ 440	$ -	$ 965
Total Project Costs	**$ 230**	**$ 530**	**$ 460**	**$ 10**	**$ 2,660**	**$ 2,660**	**$ -**	**$ 6,550**
Project Funding								
Proposed Grant	$ -	$ 460	$ 400	$ -	$ 2,000	$ 2,000	$ -	$ 4,860
Utility Revenues	$ 230	$ 70	$ 60	$ 10	$ 660	$ 660	$ -	$ 1,690
Total Project Funding	**$ 230**	**$ 530**	**$ 460**	**$ 10**	**$ 2,660**	**$ 2,660**	**$ -**	**$ 6,550**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Norfolk Outfall Trunkline Sewer Separation Feasibility**	**Project #**	**72541204**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	The project is a preliminary feasibility study to document the City's and adjacent private property storm drainage systems within the right-of-way and the CSO system in the area within the City boundary, document any City storm drain connections to the CSO line, and evaluate risks and alternative solutions if connections of the City's storm drains to the CSO trunkline and private systems are discovered.		
JUSTIFICATION:	The City installed a stormwater trunkline along E Marginal Way S in the 1990s for the purpose of separating stormwater flows from both the combined sewer system and the adjacent private stormwater system owned by Boeing. However, City staff has anecdotal information that the connections of City stormwater laterals into the E Marginal Way S stormwater trunkline were not completed as designed, likely due to utility conflicts encountered in the field.		
STATUS:	Advertise RFP/RFQ for consultant contract to perform preliminary feasibility.		
MAINTENANCE IMPACT:	N/A		
COMMENT:	This is a priority project to understand Tukwila's responsibility and potential liability related to the Duwamish River Super Fund Site cleanup.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 25	$ -	$ -	$ -	$ -	$ -	$ -	$ 25
Design	$ 155	$ -	$ -	$ -	$ -	$ -	$ -	$ 155
Total Project Costs	**$ 180**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 180**
Project Funding								
Utility Revenues	$ 180	$ -	$ -	$ -	$ -	$ -	$ -	$ 180
Total Project Funding	**$ 180**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 180**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Green the Green Program**	**Project #**	**91641202**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	This program supports revegetation and restoration efforts along watercourses within the City with main goal of providing habitat, improving water quality and reducing water temperatures. Funding may be utilized for costs related to planting or maintenance and include City and partner projects that contribute to the goals.		
JUSTIFICATION:	WRIA 9 has identified warm water temperatures as an impediment to salmon recovery, and has a funding program called, "ReGreen the Green" which aims to support revegetation projects along the river.		
STATUS:	Pilot projects at NC Machinery & Southcenter Plaza completed in 10yr maintenance period. Funding maintenance of Riverton Creek, Duwamish Gardens; Partner Project w MidSound Fisheries and Puget Sound Partnership		
MAINTENANCE IMPACT:	Cost based on rough average of contracted maintenance costs for Riverton Creek. Duwamish Gardens and Green the Green CIP (JSH/Harnish). Note that costs decrease over time. Plant establishment is usually around 3 years, but obligations are generally for 10 years. Note that, to date, these maintenance costs have been exclusively contracted.		
COMMENT:	Grant funding ongoing. Funding to date has come from WRIA9 and the Rose Foundation. Note that this fund is not intended to be used for mitigation obligations associated with other CIP projects.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 5	$ 5	$ 5	$ 5	$ 5	$ 5	$ 5	$ 35
Design	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 140
Construction	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 700
Contingency	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 140
Total Project Costs	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 1,015**
Project Funding								
Proposed Grant	$ 45	$ 45	$ 45	$ 45	$ 45	$ 45	$ 45	$ 315
Utility Revenues	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 700
Total Project Funding	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 145**	**$ 1,015**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Soils Reclamation/Decant Facility**	**Project #**	**92341201**
Project Manager	Sherry Edquid	**Department**	Surface Water
DESCRIPTION:	Construct soils reclamation facility to handle, treat, dispose and/or reuse non-hazardous street sweepings and catch basin cleanings, etc. (formerly named Drainage/Vactor Waste Facility).		
JUSTIFICATION:	To meet State NPDES regulations, the City needs facilities to treat & dispose of waste materials resulting from cleaning/maintenance activities, including street sweepings and Vactor truck wastes.		
STATUS:	The Soils Reclamation/Decant Facility is being built as part of the overall new Public Works Fleets and Facility project. Currently in project design.		
MAINTENANCE IMPACT:	Water, Sewer and Surface Water will fund maintenance of the new facility and possibly King County Metro who we will likely develop an ILA to dispose of their waste on our site. Also, not needing to use King County's decant facility for disposal would reduce expenses.		
COMMENT:	The Enhanced Maintenance Plan (EMP) and the Soils Reclamation/Decant Facility - design is being funded by an Ecology grant. Will be applying for an Ecology grant to fund construction.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 15	$ 30	$ 30	$ 10	$ -	$ -	$ -	$ 85
Design	$ 130	$ 20	$ -	$ -	$ -	$ -	$ -	$ 150
Construction Mgmt.	$ -	$ 100	$ 100	$ -	$ -	$ -	$ -	$ 200
Construction	$ -	$ 650	$ 1,000	$ 50	$ -	$ -	$ -	$ 1,700
Contingency	$ -	$ 100	$ 100	$ -	$ -	$ -	$ -	$ 200
Total Project Costs	**$ 145**	**$ 900**	**$ 1,230**	**$ 60**	**$ -**	**$ -**	**$ -**	**$ 2,335**
Project Funding								
Awarded Grant	$ 325	$ -	$ -	$ -	$ -	$ -	$ -	$ 325
Proposed Grant	$ -	$ 1,000	$ 500	$ 30	$ -	$ -	$ -	$ 1,530
Fund Balance	$ -	$ 480	$ -	$ -	$ -	$ -	$ -	$ 480
Total Project Funding	**$ 325**	**$ 1,480**	**$ 500**	**$ 30**	**$ -**	**$ -**	**$ -**	**$ 2,335**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Comprehensive Landslide Risk and Assessment**	**Project #**	**32341201**
Project Manager	Sherry Edquid	**Department**	Surface Water
DESCRIPTION:	This plan will build upon the state and county landslide information to identify landslide hazards and provide an understanding of comprehensive risks within the City of Tukwila, with the goals of reducing property damage and life loss from landslides.		
JUSTIFICATION:	We received a Cooperative Technical Partner's Grant from FEMA with zero match. This is also included in the Surface Water Comprehensive Plan.		
STATUS:	The RFP is currently being advertised for a consultant.		
MAINTENANCE IMPACT:	N/A		
COMMENT:	This is a joint effort with DCD and will evaluate forest health as well as critical utilities within these landslide risk areas.		

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 20	$ 30	$ -	$ -	$ -	$ -	$ -	$ 50
Planning	$ 120	$ 120	$ -	$ -	$ -	$ -	$ -	$ 240
Construction	$ -	$ -	$ 250	$ 250	$ -	$ -	$ -	$ 500
Total Project Costs	**$ 140**	**$ 150**	**$ 250**	**$ 250**	**$ -**	**$ -**	**$ -**	**$ 790**
Project Funding								
Awarded Grant	$ 140	$ -	$ -	$ -	$ -	$ -	$ -	$ 140
Proposed Grant	$ -	$ 150	$ 250	$ 250	$ -	$ -	$ -	$ 650
Total Project Funding	**$ 140**	**$ 150**	**$ 250**	**$ 250**	**$ -**	**$ -**	**$ -**	**$ 790**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Enhanced Maintenance Plan**	**Project #**	**72341203**
Project Manager	Sherry Edquid	**Department**	Surface Water
DESCRIPTION:	The Enhanced Maintenance Plan (EMP) - grant funded will evaluate the city's parks, golf and surface water's O&M program - software, equipment, staffing as well as looking at Best Management Practices (BMPs) implemented by other cities. This information will be compiled into a report and make recommendations with the overall goal of removing sediments and pollutants from roadway runoff.		
JUSTIFICATION:	An EMP is required to receive design/construction grant funding from Ecology for the Soil Reclamation/Decant Facility. The other EMP recommendations will be eligible for future grant funding as well.		
STATUS:	We have held an EMP workshop to interview city staff regarding their current O&M program. We are beginning to interview other jurisdictions regarding their O&M program.		
MAINTENANCE IMPACT:	This is only and plan but it may be able to grant fund O&M expense if we can demonstrate it will remove more sediments and pollutants from roadway runoff.		
COMMENT:	N/A		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 20	$ -	$ -	$ -	$ -	$ -	$ -	$ 20
Planning	$ 80	$ -	$ -	$ -	$ -	$ -	$ -	$ 80
Total Project Costs	**$ 100**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100**
Project Funding								
Awarded Grant	$ 85	$ -	$ -	$ -	$ -	$ -	$ -	$ 85
Utility Revenues	$ 15	$ -	$ -	$ -	$ -	$ -	$ -	$ 15
Total Project Funding	**$ 100**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Regional Surface Water Partnerships**	**Project #**	**70041201**
Project Manager	Mike Perfetti	**Department**	Surface Water

DESCRIPTION: The City is party to a number of ongoing inter-agency partnerships related to surface water including WRIA 9, a streamgages funding program with USGS and a Duwamish Steward ILA.

JUSTIFICATION: These partnerships generally arise as part of collaboration to recover salmon species listed under the Endangered Species Act (ESA) and to improve water quality within the Green/Duwamish watershed.

STATUS: WRIA 9 ILA is through 2025; Duwamish Steward ILA through 2026; Streamgages annually.

MAINTENANCE IMPACT: N/A

COMMENT: Ongoing partnerships. Some discussions about a formalization of Our Green Duwamish Partnership on going, which could have cost implications.

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 5	$ 5	$ 5	$ 5	$ 5	$ 5	$ 5	$ 35
Design	$ 75	$ 80	$ 100	$ 100	$ 100	$ 100	$ 100	$ 655
Total Project Costs	**$ 80**	**$ 85**	**$ 105**	**$ 105**	**$ 105**	**$ 105**	**$ 105**	**$ 690**
Project Funding								
Utility Revenues	$ 80	$ 85	$ 105	$ 105	$ 105	$ 105	$ 105	$ 690
Total Project Funding	**$ 80**	**$ 85**	**$ 105**	**$ 105**	**$ 105**	**$ 105**	**$ 105**	**$ 690**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**WSDOT Stormwater Retrofit & Maintenance Program**	**Project #**	**32541201**
Project Manager	Sherry Edquid	**Department**	Surface Water

DESCRIPTION: This entails reporting, designing and constructing stormwater control facilities that directly reduce stormwater impacts from state highways.

JUSTIFICATION: The City of Tukwila operates a surface water utility and can collect these fees from Washington State Department of Transportation (WSDOT) if they utilize these funds directly towards reporting, planning and constructing stormwater control facilities that reduce impacts of runoff from state limited access highways or implementing best management practices that will reduce the need for these facilities. These conditions are further outlined in the Revised Code of Washington (RCW) Chapter 90.03.525.

STATUS: This is an annual program with annual reporting required to WSDOT to utilize these surface water fees.

MAINTENANCE IMPACT: Any maintenance expenses would need to be finalized into an ILA with WSDOT.

COMMENT: The 2024 Surface Water Comprehensive Plan (SWCP) recommended two bioretion boxes locations underneath elevated highways structures and a maintenance project just north of Southcenter Boulevard and I-5. We continue to bank the fund balance which receives approximately $150,000 annually.

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 10	$ 10	$ 10	$ 10	$ 10	$ 10	$ -	$ 60
Design	$ -	$ 100	$ 100	$ 100	$ -	$ -	$ -	$ 300
Planning	$ 50	$ -	$ -	$ -	$ -	$ -	$ -	$ 50
Construction Mgmt.	$ -	$ -	$ -	$ 40	$ -	$ -	$ -	$ 40
Construction	$ -	$ -	$ -	$ 475	$ -	$ -	$ -	$ 475
Total Project Costs	**$ 60**	**$ 110**	**$ 110**	**$ 625**	**$ 10**	**$ 10**	**$ -**	**$ 925**
Project Funding								
Utility Revenues	$ 60	$ 110	$ 110	$ 625	$ 10	$ 10	$ -	$ 925
Total Project Funding	**$ 60**	**$ 110**	**$ 110**	**$ 625**	**$ 10**	**$ 10**	**$ -**	**$ 925**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Johnson Creek Fish Barrier Mitigation Alternatives Analysis**	**Project #**	**72541202**
Project Manager	Mike Perfetti	**Department**	Surface Water

DESCRIPTION:	The goal of the project will be to identify a preferred solution to improve fish access to Johnson Creek while maintaining flood protection.
JUSTIFICATION:	King County 2019 study, "Juvenile Chinook Use of Non-natal Tributaries in Lower Green River", determined that flap gate is impassable to fish. Additionally, the City of Kent's Johnson Creek Floodplain Project (LG-34 in WRIA 9 Habitat Plan) is dependent on fish passage into Johnson Creek. King County recently purchased 30 acres of former farmland in Kent adjacent to the Tukwila boundary and Johnson Creek to facilitate floodplain restoration, flood hazard management and agricultural use.
STATUS:	Need to determine project responsibility
MAINTENANCE IMPACT:	The flapgate is on property owned by the Curran Law Group. Its construction was required and permitted by the City and WDFW. Project and subsequent maintenance responsibility is still being determined.
COMMENT:	Johnson Creek rerouted and flapgate placed as part of Tuwila South Development ca. 2010 per City and WDFW requirements. Property turned over to Drainage District No. 2 and subsequently transferred to Curran Law Group.

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 5	$ 5	$ -	$ -	$ -	$ -	$ 5	$ 15
Contingency	$ 30	$ -	$ -	$ -	$ -	$ -	$ 20	$ 50
Total Project Costs	**$ 35**	**$ 5**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25**	**$ 65**
Project Funding								
Utility Revenues	$ 35	$ 5	$ -	$ -	$ -	$ -	$ 20	$ 60
Total Project Funding	**$ 35**	**$ 5**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 20**	**$ 60**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Chinook Wind Public Access Project**	**Project #**	**91441202**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	King County purchased site and will restore it as a salmon estuary and passive park in partnership with the City. City CIP project is to develop public access and maintenance trail. Plan is to connect trail through PW shops to Duwamish Gardens.		
JUSTIFICATION:	The WRIA 9 Salmon Recovery Plan recommends creating 20-acres of off-channel habitat within the Duwamish Transition Zone and lists this section of the river as critical habitat for salmon recovery within the Green/Duwamish Watershed.		
STATUS:	The project is currently under construction but the contract is suspended as of 6/11/24. Anticipating summer/fall completion.		
MAINTENANCE IMPACT:	This is a work in progress. The Green Infrastructure Program Proposal is intended, in part, to address maintenance needs for PW-initiated habitat restoration projects and helping to alleviate pressure on Parks' given resource constraints. Note that vegetation management maintenance needs decrease over time as planted vegetation matures. 3 years is considered a rule of thumb for plant establishment.		
COMMENT:	N/A		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ 5	$ -	$ -	$ -	$ -	$ -	$ -	$ 5
Contingency	$ 1	$ -	$ -	$ -	$ -	$ -	$ -	$ 1
Total Project Costs	**$ 6**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6**
Project Funding								
Utility Revenues	$ 6	$ -	$ -	$ -	$ -	$ -	$ -	$ 6
Total Project Funding	**$ 6**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Fish Passage Barrier Prioritization Study**	**Project #**	**72541201**
Project Manager	Sherry Edquid	**Department**	Surface Water
DESCRIPTION:	The study would prioritize potential fish barrier removal projects based on feasibility, potential habitat gain, importance of the stream system for fish use, and coordination with other barrier removal efforts and water quality improvement efforts in the stream system.		
JUSTIFICATION:	It was identified in the 2024 Surface Water Comprehensive Plan.		
STATUS:	Not started.		
MAINTENANCE IMPACT:	This is only a study at this juncture and based on collected information it may make recommendations to fund future fish barrier removals.		
COMMENT:	The presence of fish passage barriers in creeks/streams is a critical risk to salmonids. Fish passage barriers that can be corrected are human-made instream features that impede upstream fish passage, such as culverts, dams, and diversions. The Northwest Indian Fisheries Commission's online map of Statewide Integrated Fish Distribution identifies the presence of multiple fish species, including salmonids, in all Tukwila streams with the exception of Nelsen. The City supports removal of barriers.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ 30	$ -	$ -	$ -	$ -	$ -	$ 30
Planning	$ -	$ 165	$ -	$ -	$ -	$ -	$ -	$ 165
Total Project Costs	**$ -**	**$ 195**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 195**
Project Funding								
Utility Revenues	$ -	$ 195	$ -	$ -	$ -	$ -	$ -	$ 195
Total Project Funding	**$ -**	**$ 195**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 195**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Fort Dent Park Water Quality Retrofit**	**Project #**	**92541201**
Project Manager	Sherry Edquid	**Department**	Surface Water

DESCRIPTION: This project will look at implementing water quality treatment for stormwater from the artificial turf fields that is collected in a pond and then pumped into the river.

JUSTIFICATION: 6PPD-q is an emerging pollutant of concern that is known to cause fish mortality and is found in artificial turf fields that use recycled tires in the foundation. Preliminary studies have shown that some biofiltration technologies are successful in removing 6PPD-q from runoff. Over the next several years, Ecology could establish a water quality standard, approve BMPs, issue design guidance, or incorporate requirements for removal of 6PPD-q from runoff into permits. Future development of this CIP will need to consider the state of the science and regulations on 6PPD-q in runoff at the time of implementation.

STATUS: Project was recommended in 2024 Surface Water Comprehensive Plan.

MAINTENANCE IMPACT: N/A

COMMENT: N/A

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ -	$ -	$ -	$ -	$ -	$ 45	$ 45
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ 400	$ 400
Total Project Costs	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 445**	**$ 445**
Project Funding								
Proposed Grant	$ -	$ -	$ -	$ -	$ -	$ -	$ 385	$ 385
Utility Revenues	$ -	$ -	$ -	$ -	$ -	$ -	$ 60	$ 60
Total Project Funding	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 445**	**$ 445**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Green Infrastructure Program**	**Project #**	**12541201**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	The proposed initiative addresses Citywide environmental element goals and addresses overlapping priorities among PW, DCD and Parks by creating a new mechanism to address tree canopy coverage, forest conservation and stewardship. Under this proposal, Public Works would establish an inventory of open space sites and assume operations of PW CIP habitat restoration sites and some future open space acquisitions.		
JUSTIFICATION:	The maintenance of (components of) Public Works' initiated habitat restoration projects, the implementation of the City's Green Tukwila Program and acquisition and maintenance of open space properties reside with the City's Parks and Recreation Department, which has limited resources to implement these tasks and programs. The GIP would bring on additional staff, creating solid green industry job pathways, expanding Green Tukwila's capacity to meet program and plan goals, reduce Parks' maintenance burden, and work towards meeting City open space and environmental goals.		
STATUS:	PW and Parks have been working through a draft program proposal and the details of the arrangement are in progress.		
MAINTENANCE IMPACT:	0		
COMMENT:	The proposal is for an ongoing program that could be largely funded through the surface water utility (similar to other cities; Snoqualmie is a good model). Utilizing these enterprise funds will relieve burden on the general fund, which largely funds Parks and DCD staffing. This proposal modifies the existing approach for stewardship and habitat restoration stewardship, which currently falls within Parks.		

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ 5	$ 5	$ 5	$ 5	$ 5	$ 5	$ 30
Design	$ -	$ 200	$ 200	$ 200	$ 200	$ 200	$ 200	$ 1,200
Total Project Costs	**$ -**	**$ 205**	**$ 205**	**$ 205**	**$ 205**	**$ 205**	**$ 205**	**$ 1,230**
Project Funding								
Utility Revenues	$ -	$ 205	$ 205	$ 205	$ 205	$ 205	$ 205	$ 1,230
Total Project Funding	**$ -**	**$ 205**	**$ 205**	**$ 205**	**$ 205**	**$ 205**	**$ 205**	**$ 1,230**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Nelsen/Longacres Ph II**	**Project #**	**98741202**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	The proposed solution is to install a 48-inch stormwater pipe crossing underneath the Burlington Northern railroad tracks connecting to a previously installed interceptor east of the tracks. This 48-inch stormwater pipe will be constructed using trenchless techniques to minimize the impact to the operation of the railroad. This new pipe will provide drainage from the existing drainage ditch west of the tracks to the P-1 interceptor. Ownership, easement, and maintenance responsibility will be determined and/or verified prior to moving forward with this project.		
JUSTIFICATION:	Because of development and increased surface water runoff, flooding is occurring in the right-of-way and on private property. The design objectives are reduction of stormwater ponding and peak flow rate. The project is located within the Burlington Northern Santa Fe (BNSF) corridor.		
STATUS:	Coordinate project progression		
MAINTENANCE IMPACT:	N/A		
COMMENT:	N/A		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Construction	$ -	$ -	$ -	$ 1,100	$ -	$ -	$ -	$ 1,100
Total Project Costs	**$ -**	**$ -**	**$ -**	**$ 1,100**	**$ -**	**$ -**	**$ -**	**$ 1,100**
Project Funding								
Utility Revenues	$ -	$ -	$ -	$ 1,100	$ -	$ -	$ -	$ 1,100
Total Project Funding	**$ -**	**$ -**	**$ -**	**$ 1,100**	**$ -**	**$ -**	**$ -**	**$ 1,100**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**P17 Pond and Southcenter Subarea Hydraulic Study**	**Project #**	**72541205**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	Before confirming feasibility of decommissioning the P17 Pond and the P17 Pump Station to support a setback of the levee for habitat uplift, the City must ensure that the detention and conveyance capacity they provide can be provided elsewhere in the Southcenter subarea. The City will study hydraulics in the Southcenter subarea, including most of the P17 Basin and the interrelated portions of the Gilliam Creek basin, Green/Duwamish basin, and Johnson Creek basin to determine alternatives for providing the needed detention storage and discharge of stormwater runoff to the Green River.		
JUSTIFICATION:	The City is studying the feasibility of discontinuing use of the maintenance facility and selling the property. The King County Flood Control District may express an interest in purchasing the property and setting back the levee, consistent with project LG-35 identified in the WRIA 9 Salmon Recovery Plan approved on February 11, 2021.		
STATUS:	Listed as a high priority in the 2024 Surface Water Comp Plan.		
MAINTENANCE IMPACT:	No O&M costs associated with a study.		
COMMENT:	The levee adjacent to P17 Pond was shown by the Corps in its 2023 SQRA to have vulnerability given its height, steepness, vegetation characteristics, and proneness to erosion to due water fluctuations in the pond.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ 10	$ 10	$ -	$ -	$ -	$ -	$ 20
Planning	$ -	$ 150	$ 150	$ -	$ -	$ -	$ -	$ 300
Contingency	$ -	$ 15	$ 15	$ -	$ -	$ -	$ -	$ 30
Total Project Costs	**$ -**	**$ 175**	**$ 175**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 350**
Project Funding								
Utility Revenues	$ -	$ 175	$ 175	$ -	$ -	$ -	$ -	$ 350
Total Project Funding	**$ -**	**$ 175**	**$ 175**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 350**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**S 143rd Street Storm Drainage System**	**Project #**	**98641222**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	Design and construct closed pipe drainage system along S. 143rd Street and S. 143rd Place. Provide a WQ treatment manhole and a flap gate at the outlet of the drainage system. Convert existing drainage ditch, located on private property, to a bioswale. Provide asphalt overlay, curb and gutter, and sidewalks for S. 143rd Street. Provide asphalt overlay for S. 143rd Place.		
JUSTIFICATION:	Longstanding drainage and flooding problem on ROW and private property along S 143rd St, east of Interurban Ave. Project Issue ID # 9 in 2013 Plan, first appeared in 2003 SWCP. Project may be eligible for grant funding from King County Flood Control District. New conveyance system will reduce ROW and private property flooding. Bioswale will treat stormwater runoff before it's routed to the Duwamish River. Flap gate will help prevent flooding when the Duwamish River is at high stages. The project was identified in the 2003 Tukwila SWCP. The project sketch on the following page is excerpted from the 2003 plan. The project cost was updated for the 2013 Surface Water Comprehensive Plan and has been escalated again for the 2024 SWCP using the construction cost index published by Engineering News-Record. The current sales tax rate has been used.		
STATUS:	Scope, schedule, and budget need to be updated for funding allocation and potential grant opportunities.		
MAINTENANCE IMPACT:	Seasonal WQ service of CB will be required. Couple hours per year.		
COMMENT:	Assumes that parking adjacent to existing ditch will not be disturbed. Potential for LID/ND improvements are not included in estimated cost.		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ 30	$ 30	$ -	$ -	$ -	$ -	$ 60
Design	$ -	$ 200	$ -	$ -	$ -	$ -	$ -	$ 200
Construction Mgmt.	$ -	$ -	$ 200	$ -	$ -	$ -	$ -	$ 200
Construction	$ -	$ -	$ 1,410	$ -	$ -	$ -	$ -	$ 1,410
Total Project Costs	**$ -**	**$ 230**	**$ 1,640**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,870**
Project Funding								
Utility Revenues	$ -	$ 230	$ 1,640	$ -	$ -	$ -	$ -	$ 1,870
Total Project Funding	**$ -**	**$ 230**	**$ 1,640**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,870**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Ryan Way Pipe Rehabilitation**	**Project #**	**92541202**
Project Manager	Joshua Hopkins	**Department**	Surface Water
DESCRIPTION:	This project proposes to replace or repair all existing 12-in and 18-in diameter storm sewer pipes and catch basins within S Ryan Way in coordination with an eventual overlay or reconstruction.		
JUSTIFICATION:	There is poor pipe condition along S Ryan Way and there are associated drainage issues. Paving is needed. If brought down to the base of the road, stormwater standards will be triggered which includes the flow control threshold. Possible solution would be funded by the Transportation funds.		
STATUS:	If the City decides to construct full roadway improvements along S Ryan Way, this may trigger stormwater requirements for flow control and runoff treatment. This project does not address flow control		
MAINTENANCE IMPACT:	N/A		
COMMENT:	N/A		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ -	$ -	$ -	$ -	$ -	$ 25	$ 25
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 840	$ 840
Total Project Costs	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 865**	**$ 865**
Project Funding								
Utility Revenues	$ -	$ -	$ -	$ -	$ -	$ -	$ 865	$ 865
Total Project Funding	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 865**	**$ 865**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**S 146th St Pipe & 35th Ave S Drainage System**	**Project #**	**90341214**
Project Manager	Sherry Edquid	**Department**	Surface Water
DESCRIPTION:	Replace existing storm drainage system on S 146th St and provide new storm drainage system for 35th Ave S. Provide asphalt overlay and extruded asphalt curb for both streets.		
JUSTIFICATION:	Reduce right-of-way and private property flooding by increasing the capacity of the storm drainage system.		
STATUS:	Maintenance is monitoring area during storm events.		
MAINTENANCE IMPACT:	Expanded system will require additional maintenance.		
COMMENT:	This project was identified in the 2003 Surface Water Management Comprehensive Plan and again in the 2024 plan.		

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ -	$ -	$ -	$ 30	$ 45	$ -	$ 75
Design	$ -	$ -	$ -	$ -	$ 250	$ -	$ -	$ 250
Construction Mgmt.	$ -	$ -	$ -	$ -	$ -	$ 160	$ -	$ 160
Construction	$ -	$ -	$ -	$ -	$ -	$ 1,400	$ -	$ 1,400
Total Project Costs	**$ -**	**$ -**	**$ -**	**$ -**	**$ 280**	**$ 1,605**	**$ -**	**$ 1,885**
Project Funding								
Utility Revenues	$ -	$ -	$ -	$ -	$ 280	$ 1,605	$ -	$ 1,885
Total Project Funding	**$ -**	**$ -**	**$ -**	**$ -**	**$ 280**	**$ 1,605**	**$ -**	**$ 1,885**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Tukwila Parkway Gilliam Creek Outfalls**	**Project #**	**91241205**
Project Manager	Mike Perfetti	**Department**	Surface Water
DESCRIPTION:	The project expands the scope of CIP 91241205 in the City's 2021-2026 Capital Improvement Program and updates the costs. The existing 48-in diameter manhole will be replaced with an 84-in diameter manhole in Andover Park W just south of the intersection with Tukwila Parkway. A flapgate will be installed on the outgoing pipe. A manhole will be constructed over the 30-in diameter pipe on the south side of Tukwila Parkway and a flapgate installed. As a part of this project, ownership of the pipe should be confirmed. If the pipe is currently privately owned, the ownership and maintenance should be transferred to the City. The project will also add a water quality treatment device.		
JUSTIFICATION:	The addition of flapgates on the 48-in diameter and the 30-in diameter storm pipes will isolate the pipes from the downstream 108-in diameter Washington State Department of Transportation (WSDOT) culvert under the I-405 freeway to allow the City of Tukwila to inspect and maintain the 48-in diameter and the 30-in diameter storm pipes.		
STATUS:	This project relates the Gilliam Creek Fish Barrier Removal Project as well as the P-17/Southcenter Area Hydraulic Study.		
MAINTENANCE IMPACT:	costs to inspect and maintain 1 catch basin and 1 water quality biofiltration media vault		
COMMENT:	N/A		

FINANCIAL (in thousands)	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**Beyond**	**TOTAL**
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ -	$ -	$ -	$ -	$ 15	$ 30	$ 45
Design	$ -	$ -	$ -	$ -	$ -	$ 260	$ -	$ 260
Construction Mgmt.	$ -	$ -	$ -	$ -	$ -	$ -	$ 150	$ 150
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 950	$ 950
Contingency	$ -	$ -	$ -	$ -	$ -	$ 30	$ 100	$ 130
Total Project Costs	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 305**	**$ 1,230**	**$ 1,535**
Project Funding								
Utility Revenues	$ -	$ -	$ -	$ -	$ -	$ 305	$ 1,230	$ 1,535
Total Project Funding	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 305**	**$ 1,230**	**$ 1,535**

Return to CIP TOC

CITY OF TUKWILA CAPITAL PROJECT SUMMARY
2025 to 2030

PROJECT:	**Tukwila Pond Water Quality Improvement**	**Project #**	**92541204**
Project Manager	Joshua Hopkins	**Department**	Surface Water

DESCRIPTION:

The project aims to allow Tukwila's Public Works Department to support water quality treatment for surface water runoff draining to the Tukwila Pond, as part of the Tukwila Pond Park Master Plan (Master Plan) improvements. The Parks and Recreation Department will carry out the implementation of the Master Plan, including hiring and managing consultants for design, permitting and construction negotiations, and leading discussions with private property owners. The Public Works Department will contribute funds to support the design and construction of stormwater runoff treatment facilities described in this fact sheet. The recommended water quality improvements are planned for construction during Phases 1B through 6 in the period spanning 2024 to 2038, as specified in the Master Plan.

JUSTIFICATION:

The Tukwila Pond has high phosphorus, turbidity, and high temperature under existing conditions. It is fed largely by groundwater during the summer and has additional input from precipitation and two nearby swales, which treat runoff from adjacent commercial properties. Groundwater and soils are likely contributing to nutrient loading of the pond, suggesting that even if water quality improves, it may remain high in nutrients. Additionally, there is limited treatment for surface runoff and piped stormwater entering the pond. The pond drains into the Green River either through Gilliam Creek or through pumped and piped conveyances. The Green River in this area is on the Washington State Department of Ecology's list of impaired waters (303(d) list) for temperature, dissolved oxygen, and fecal coliform.

STATUS: Project is contingent on Tukwila Pond Master Plan preferred alternative.

MAINTENANCE IMPACT: N/A

COMMENT:

The Master Plan recommends further study to compare alternatives and determine the preferred option or combination of options for the water quality treatment described above. The Public Works Department's Surface Water Program plans to support the study, engineering design, and construction of the runoff treatment facilities, within the larger effort to be implemented by the Parks and Recreation Department.

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	$ -	$ -	$ -	$ -	$ -	$ -	$ 30	$ 30
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ 197	$ 197
Construction Mgmt.	$ -	$ -	$ -	$ -	$ -	$ -	$ 100	$ 100
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 656	$ 656
Total Project Costs	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 983**	**$ 983**
Project Funding								
Utility Revenues	$ -	$ -	$ -	$ -	$ -	$ -	$ 983	$ 983
Total Project Funding	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 983**	**$ 983**

Return to CIP TOC

Appendix D

Catch Basin alternative inspection protocol

Section 5 Chapter 9 (S5.C9) of the NPDES Phase II Western Washington permit spells out the requirements for public and private stormwater management including inspections, maintenance and documentation. The City of Tukwila is required to "**implement** and **document** a program to regulate maintenance activities and to conduct maintenance activities" to **prevent** and **reduce** stormwater impacts on receiving waters within its jurisdiction. This chapter deals with the work directly related to the structures and pipes that convey floodwater away from roadways and properties where it is discharged to groundwater, wetlands, creeks, streams and ultimately the Green/Duwamish river.

The minimum performance measures of S5.C9.a are:

- Develop or Adopt and use a maintenance standard that is "as protective or more protective than" the Western Washington Stormwater Management Manual for Western Washington OR a Phase I jurisdictions equivalent manual.
    - The City uses the King County Surface Water Design manual and King County Site Management Plan to manage rights-of-way and City Properties.
- Update the maintenance standard if needed to meet this permit.
    - The City follows the King County update process as timely as possible.
- Inspections are required by S5.C9.b.i.b and actions to address maintenance needs should be taken on the timeline provided.
    - The City addresses maintenance need as prescribed and typically much more quickly than allowed, which is: Within 6 months for CBs, one (1) year for typical maintenance; two (2) years for maintenance that requires capital construction costing less than $25,000.

The City of Tukwila conducts MS4 inspections using a combined approach allowed under S5.C9.c Maintenance of stormwater facilities owned or operated by the Permittee. The City is just over nine (9) square miles with significant topography changes within the lower WRIA 9 Green/Duwamish watershed (~430 sq. mi.) immediately upstream of the City of Seattle and the Lower Duwamish Waterway.

To make good use of limited resources such as staff and equipment, and to meet Union preservation of available work, the City is divided into Five (5) "Maintenance Zones" which encompass up to two (2) square miles each and up to dozens of Ecology defined "circuits" draining to a single point. This divides the City into manageable districts that combine work of similar conditions, such as flat valley floors, or steep valley slopes, mostly residential or mostly commercial, to allow the crew to determine the type of equipment needed and prioritize the most vulnerable areas of drainage systems.

To meet S5.C9.c.i the Operations and Maintenance Stormwater crew:

- Inspects all Municipally Owned and Operated Stormwater Treatment and Flow controls once annually at a minimum.
- Notes are taken on all inspections and actions to remedy maintenance conditions are logged into the CMMS Lucity©.
- No reduction of inspection frequency is required.

To meet S5.C9.c.ii the Operations and Maintenance division:

- Conducts weather related inspections of critical infrastructure and land features including outfalls whenever rain exceeds the standard (24-hour, 10-year), typically crews are already engaged at the 2-year storm.
- Take notes on all inspections and actions to remedy maintenance conditions which are logged into the CMMS Lucity©;
- Repairs are conducted on an ability basis, whereby when staff are able, they repair the situation immediately, when unable, they report the condition to the CIP program for remedy in the Small Drainage CIP system to be repaired within two (2) years taking actions to minimize further damage until repair can be completed.

To meet S5.C9.c.iii the Operations and Maintenance Stormwater division:

- Cleans three (3) maintenance zones per year, totaling more than 5 square miles of service area, typically including more than 500 structures and dozens of Ecology defined circuits including maintenance at all outfalls.
- Typically, this approach meets S5.C9.c.iii.c since most circuits within a Maintenance Zone are cleaned once during the permit term if not within 2 years.

Additionally, to meet S5.C9.c.iii Environmental Compliance inspectors:

- Inspect 25% of catch basins within Ecology defined circuits, reporting total sump depth in the circuit divided by the total sediment impacted sump depth as a percentage.
- Once a single circuit reaches 60% of total sump depth impacted by sediment the circuit is reported to Operations and Maintenance for cleaning within the next 6 months, typically much sooner if not within weeks of the report.
- Outfalls are also inspected during this effort with damages reported similarly.

All City field staff are IDDE trained using the currently required Ecology manual, allowing staff to report when suspected Illicit Discharges are found in the MS4.

Appendix E

Training Plan

Training (records to be kept include dates, activities or course descriptions, and names and positions of staff in attendance.) “Qualified Personnel” means someone who has had training in the aspects of stormwater management for which they are responsible and are under the functional control of the Permittee. They may be staff members, contractors, or volunteers.

O&M Staff

Spill Hotline/Log Spills (Lucity/Sintel)
SWPPP Inspections (Sintel)
WQ/FC Annual and Storm related Inspections (Lucity)
Catch Basin Circuit Basis inspections (Sintel/Lucity/GIS)

Facilities Staff

Property Inspections/Maintenance (Lucity/Sintel)
SWPPP Inspections (Sintel)

Fleet Staff

Spill Kits on all Vehicles
Spill Cabinets in Community
SWPPP Inspections (Sintel)

Parks/Golf Staff

SWPPP inspections (Sintel)
Property Drainage inspections/Maintenance
Seek Golf Course NPDES information (Bellevue, Auburn, Seattle)

Communications Staff

Include Stormwater in Hazelnut or other Outreach efforts (e.g. Sewer, Solid Waste, Comprehensive Plans, Community Activities)
Signage at Parks for Dog Waste (Dog bags?)
Wraps for Traffic Cabinets (Stormwater Messaging)

Mapping Staff

Add all public properties to GIS/Lucity
Add private systems to GIS
Add size and pipe type to all conveyance and outfalls
Correct Outfalls, WQ/FC structures, Show Private

Recommendation to effectively deliver training to the full City Staff:

Add NPDES Training to HR NeoGov by position:

Administration Staff – Administrative Overview
Permit Staff – KC Manual’s MR2&3, CPESC (3rd party), Source Control Planning
Inspection Staff – CESCL (3rd Party), ESA RRMP (County), CPII (APWA)

Internal Training Packages developed:

i. NPDES Overview (All Management/Staff)
ii. IDDE S5.C5.f (All “municipal field” Staff)
iii. Source Control S5.C8.b.v (EC Inspectors)
iv. SWPPP Site Management (Pollution Prevention Team)
v. Construction S5.C7.e (Construction Inspectors)
vi. O&M S5.C8.e (Minkler and Parks/Golf)
vii. Stormwater Management Manual (Plan Review staff)

Appendix F

Public Participation, Involvement and Stewardship opportunities

Adopt a Spot, Green Tukwila

Submission Date	First Name	Last Name	Site	Date	Number of trash bags	hours onsite. (2 vol. do 1 hr = 2 hrs)	Comments, issues, other volunteers that helped?	Photo	Number of volunteers?	Tell us more about your work. Example: pulled ivy off 15 trees, mulched 100 sq feet, planted flowers
Jan 10, 2025	Addison	Hawk	dhp	Dec 31, 2024	15	30	Oct-Dec		2	
Dec 6, 2024	Debbie	G	Southgate Park	Dec 6, 2024	5	1	Lots of dumped garbage bags, plus part of a bedframe, flat-screen TV, and an electric scrub brush		1	
Dec 6, 2024	Debbie	G	Riverton Park	Dec 6, 2024	2	1			1	
Oct 24, 2024	Debbie	Gordon	Southgate Park	Oct 24, 2024	2	1	I love my new Grabber!!		1	
Oct 24, 2024	Debbie	Gordon	Riverton Park	Oct 24, 2024	1	1	I love my new Grabber!		1	
Oct 11, 2024	Addison	Hawk	DHP	Sep 2, 2024	15	30	trash collect July, Aug and Sept			
Sep 10, 2024	Debbie	Gordon	Southgate Park	Sep 10, 2024	5	1.5	Reported additional garbage dumped off the road to SeeClickFix	oads/Tukwila/201674585579066/6018222774481659998/SC	1	
Aug 16, 2024					6					recorded in CEDAR for volunteers
Aug 6, 2024	Debbie	Gordon	Southgate Park	Aug 6, 2024	4	1	City of Tukwila already picked everything up! Also reported garbage dumped off the side of 40th		1	
Jul 23, 2024	Debbie	Gordon	Riverton Park	Jul 23, 2024	1	2			1	Spent most of my time watering goolie gardens
Jul 19, 2024					14					OP lead city event- in CEDar
Jun 25, 2024	Debbie	Gordon	Southgate Park	Jun 25, 2024	5	1			1	
May 22, 2024			DHP		11		Olena lead group of 10 at DHP public event, recorded in CEDAR			
May 7, 2024	King County Housing	Authority	Tukwila Pond	Apr 24, 2024	25	20	FilmonBeniam PheobeChristian MitchellLa Roe AllanWong TracieFriedman Jamie Robbins ScottPereival BethPearson Wish Olando Patrick Malloy		10	Earth Month Event
May 7, 2024					28					BECU 4/18/24 at restoration event that is recorded in CEDAR
May 3, 2024	Debbie	Gordon	Southgate Park	May 3, 2024	4	1.5			1	
Apr 5, 2024	Addison		DHP	Mar 1, 2024	6	12	addison and husband picking up trash on weekends Q1		2	
Mar 29, 2024	Debbie	Gordon	Southgate Park	Mar 29, 2024	2	1			1	Cut ivy rings around 2 healthy large trees and 2
Mar 8, 2024	Debbie	Gordon	Southgate Park	Mar 8, 2024	4	1			1	
Mar 8, 2024	Debbie	Gordon	Riverton Park	Mar 8, 2024	1	1			1	
Feb 9, 2024	Debbie	Gordon	Riverton Park	Feb 9, 2024	1	1			1	
Jan 25, 2024	Debbie	G	Southgate Park	Jan 25, 2024	4	1	There is an abandoned campsite that needs to be cleaned up on the west side. Photo attached	oads/Tukwila/201674585579066/5820411569215670192/20240125_135126.jpg	1	
Jan 25, 2024	Olena		Riverton Park	Jan 25, 2024	1	1	Chag Sameach!		1	Had a great time rescuing a neglected, root bound,
Jan 3, 2024	Nathan	lynch	Bicentennial Park, Green River Trail	Dec 15, 2023	3	6			3	
Jan 3, 2024	Addison		DHP	Dec 12, 2023	10	20	data entry for the year		2	
				Total Bags	**175**	**135**	**Total Hours**			

GREEN TUKWILA PARTNERSHIP

2024 Annual Report

2024 was a record breaking year. The partnership continues to build programing that educates the community while crews and volunteers restore the urban forest and green spaces in Tukwila.
Thank you to all the Forest Stewards, Partner Organizations and volunteers that make this possible.

2024 Stats

6,294 Professional Crew Hours

2,337 Restoration Volunteer Hours

150 Litter Clean-Up Volunteer Hours

901 Trees Planted

2,587 Native Plants Installed

750 Ivy Survival Rings Cut, Saving Trees

433,572 sq ft Cleared & Weeded

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