

Project Area

SW Dolph Court

4-Way Traffic Stop

Interpretive Area

Tryon Creek

Restored Creek

Interpretive Boardwalk

CULVERT

EXISTING APARTMENTS

ROW HOUSES
(14 UNITS)

PDC APARTMENTS
(100 UNITS, 97 ON-SITE
PARKING SPACES)

Water Quality Swale
Daylighted/Restored Creek

Overlook
Water Quality Swale

SENIOR APARTMENTS
(56 UNITS)

Pedestrian Bridge
Overlook

Daylighted/Restored Creek

Water Quality Swale

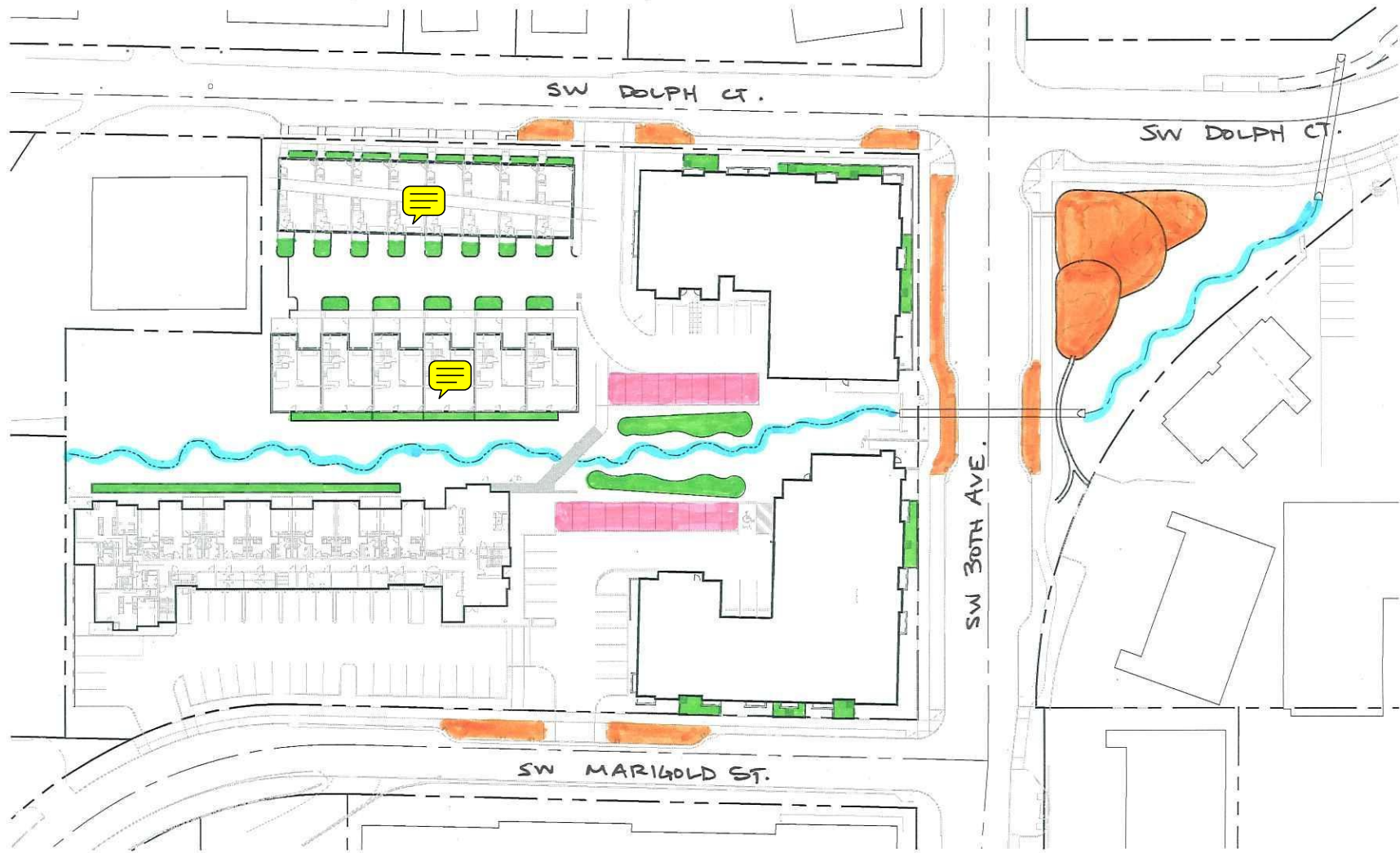
Overlook

Eliminated Traffic Cutoff





SW 30th Ave

SW Marigold Street
(Full Street Improvement)

Terraced Filter/
Upstream Wetlands
Restoration



STORMWATER TREATMENT FACILITY LEGEND

-  FLOW THROUGH/INFILTRATION PLANTER
-  PERVIOUS PAVEMENT
-  PUBLIC STORMWATER TREATMENT FACILITY
-  DAYLIGHTED CREEK



1" = 80'

HEADWATERS AT TRYON CREEK

PLANNING & ENGINEERING

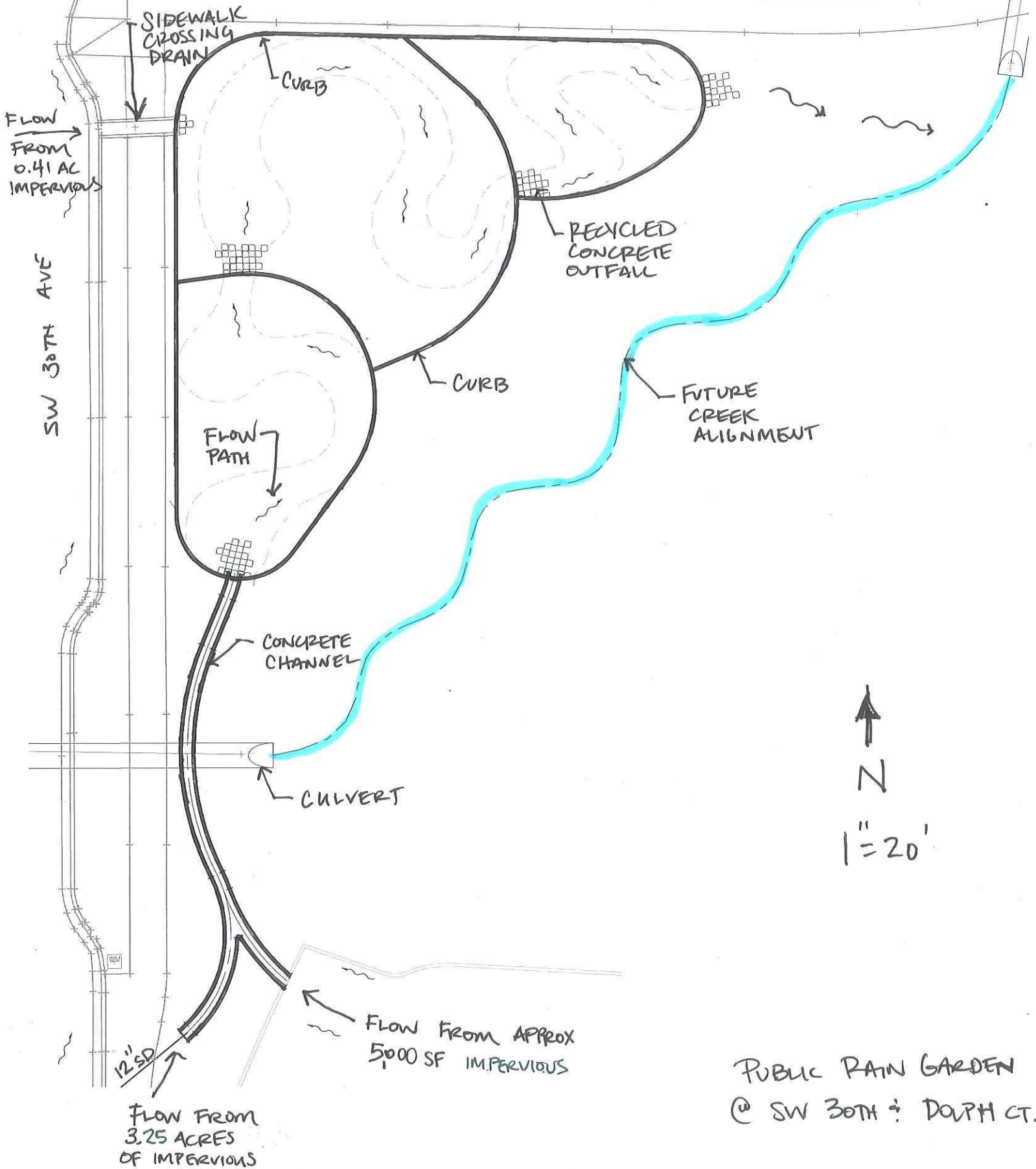


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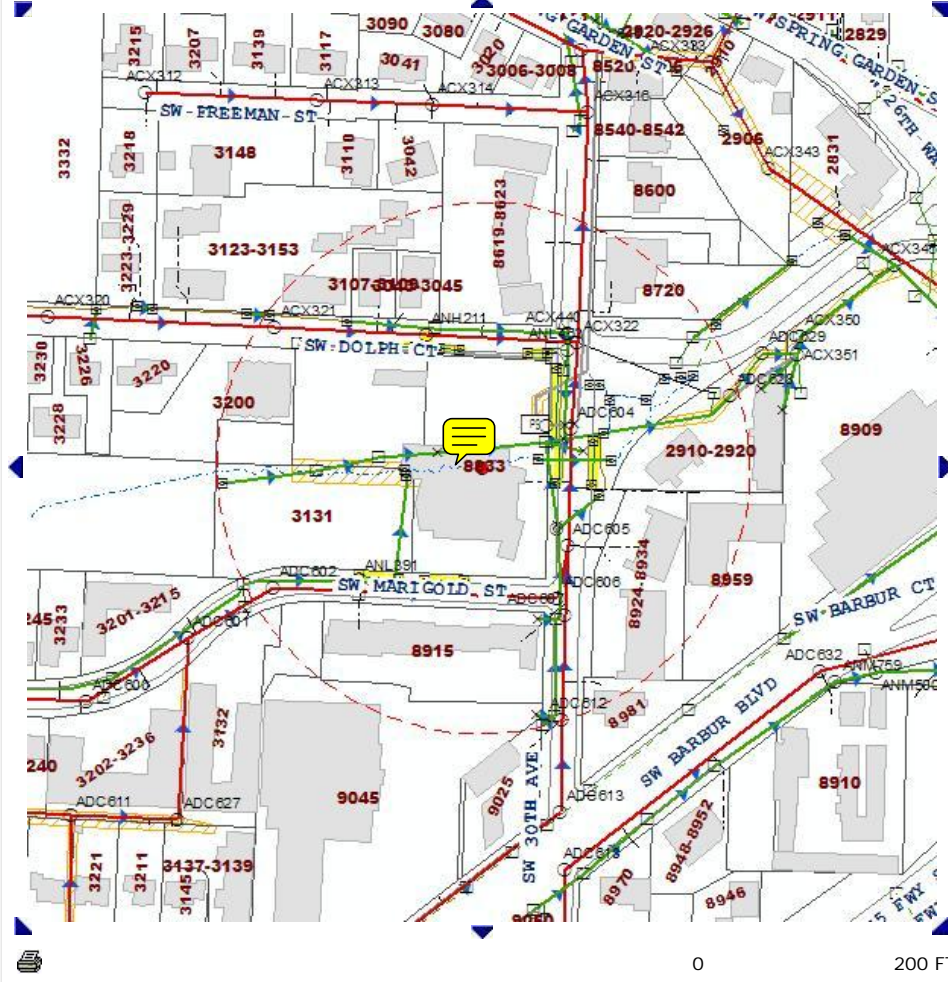
SW DOLPH CT.



Sewer Assets

Contact the Bureau of Environmental Services

Long -122.70820 Lat 45.46124



	TREATMENT PLANTS
	PUMP STATIONS
	CLEANOUTS
	MANHOLES
	DISCHARGE POINTS
	DIVERSIONS
	INLETS
	OUTFALL
	SEDIMENTATION MANHOLES
	STORAGE
	SUMPS
	TRASH RACK
	WATERWAY FEATURES
	FLOW CONTROL
	NO ACCESS POINTS
	SANITARY GRAVITY MAIN
	COMBINED GRAVITY MAIN
	STORM GRAVITY MAIN
	SANITARY PRESSURE MAIN
	COMBINED PRESSURE MAIN
	STORM PRESSURE MAIN
	INLETS
	INLET LEADS
	CULVERT
	CONSTRUCTED CHANNEL
	FRENCH DRAIN
	DITCH
	NATURAL CHANNEL
	POLLUTION REDUCTION FAC.
	CONNECTION
	LATERALS
	ABANDONED MAIN
	* Note - All pipes which have this yellow undertone are under construction and not as-built
	EASEMENTS

Assets (183) | As-Built (7) | Easements (3) | SEWPER (1)

Search

Tryon Creek

About the Watershed

Learn about the Watershed

Plans and Studies

Previous work and the current watershed characterization

Projects

Projects to improve watershed health

Events

Learn about events in the watershed

Contact Us

Watershed staff numbers and email addresses

About the Watershed

Tryon Creek Watershed



portion of this undeveloped area and provides good habitat and recreation opportunities.

There are steep slopes throughout the watershed with predominant sandy loam soils. Major transportation corridors contribute to the large impervious surface area and fragment stream connectivity. The abundant forested areas consist of native plants as well as invasive vegetation.

The Tryon Creek Watershed provides important habitat to fish, birds, and other wildlife.

Tryon Creek Watershed Manager Amin Wahab 503-823-7895
aminw@bes.ci.portland.or.us

The Tryon Creek Watershed in southwest Portland covers over 4,000 acres, with about 3,000 acres within Portland city limits. Tryon Creek flows southeast for about 7 miles from its headwaters near Multnomah Village to its confluence with the Willamette River in Lake Oswego.

Single-family residential housing is the predominant land use, however parks and open space make up about 21% of the watershed. The Tryon Creek State Natural Area contributes a large

Quick Links

[2005 Fanno Tryon Watershed Management Plan](#)
[Current Projects](#)
[Capital Improvement Project Pre-design](#)

Portland's Watersheds

[Johnson Creek](#)
[Columbia Slough](#)
[Fanno Creek](#)
[Tryon Creek](#)
[Willamette](#)

Questions & Comments

If you have any questions or comments on our site, please contact our [site administrator](#).

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About the Watershed

Habitat

Tryon Creek has some of the best habitat in the city

Biological Communities

Wildlife in the watershed

Water Quality

Is water pollution a problem?

Hydrology and Infrastructure

Where the rain goes

Land Use

Watershed characteristics

Public Involvement

How to connect to local watershed issues



The Tryon Creek Watershed is divided into three subwatersheds: Tryon Creek Mainstem, Arnold Creek, and Falling Creek.

The Tryon Creek subwatershed is 3083 acres. The mainstem of Tryon Creek is about 7 miles long from its headwaters near Multnomah Village (just north of Interstate 5 and Highway 99) to its confluence with the Willamette River in Lake Oswego at the Highway 43 crossing.

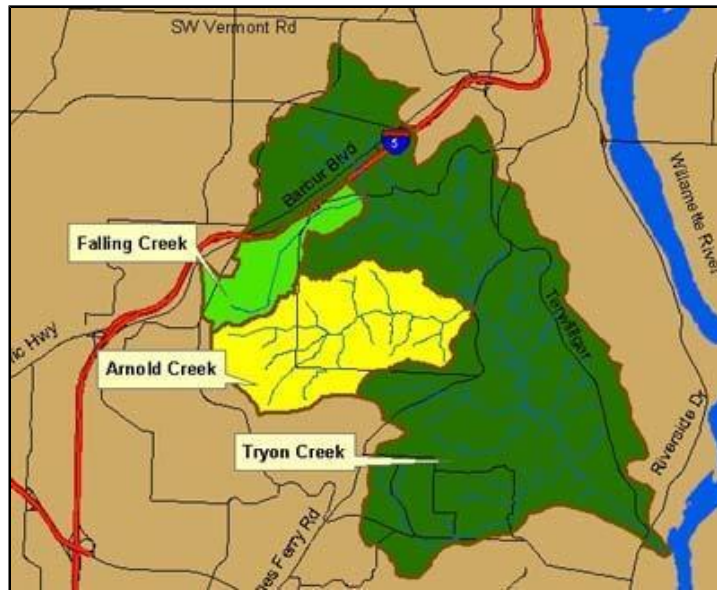
The Arnold Creek subwatershed is about 775 acres. Arnold Creek joins Tryon Creek at the Boones Ferry Road crossing.

The Falling Creek subwatershed is about 283 acres. Falling Creek joins Tryon Creek at SW 26th Avenue and Taylors Ferry Road. Other smaller tributaries flow into Tryon Creek both within and outside Portland's city limits.

Quick Stats

- Watershed area is 4,142 acres (3,058 is within Portland's city limits)
- 55% of the watershed is zoned single-family residential
- About 870 acres, or 21% of the watershed, is parks or open space
- About 24 % designated within environmental protection and conservation zones
- There are 27 miles of open stream channel and 3 miles in culverts or pipes
- Impervious surfaces comprise about 990 acres, or 24%, of the watershed

Subwatershed Map



For complete descriptions of watershed characteristics please see the [current characterization documents](#).

Tryon Creek

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Detailed information about Tryon Creek projects

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Questions & Comments

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Fanno and Tryon Creek Water Quality TMDL Pre-design Project

The 2005 Fanno and Tryon Creek Watershed Management Plan describes watershed conditions, lists problems and assets, describes improvement strategies and actions, and provides indicators to measure progress. This project will build upon the recommendations in the 2005 Watershed Management Plan to develop a final Pre-design Report containing conceptual designs and budget detail for multi-objective actions and/or packages of actions. There are six different categories of actions and environmental benefits: stormwater; revegetation; aquatic and riparian enhancement; protection and policy; operations and maintenance; outreach, stewardship, and education. Fanno and Tryon Creek watershed health will be improved through projects concerning water quality, hydrologic and hydraulic conditions, and habitat conditions related to biological communities.

Tryon Creek - Highway 43 Culvert

Tryon Creek flows through a culvert for about 400 feet as it passes under Highway 43 and the adjacent railroad in Lake Oswego. The culvert limits fish passage to the habitat within the Tryon Creek State Natural Area. The creek segment between the culvert and the Willamette will be improved with high-quality in-channel habitat and large woody debris. Channel dynamics will be improved to create a stable channel with meanders and enhanced floodplain. The existing baffles in the bottom of the culvert will be removed and the culvert will be retrofitted with a series of step-pools, in essence converting the culvert into a fish ladder. Removing the barrier to fish passage created by the culvert will provide access to desirable habitat in Tryon Creek State Natural Area.



Tryon Creek Iron Mt Streambank Restoration and Sewer Maintenance



The project site is located in Tryon Creek State Natural Area at approximately rivermile 1.2 and includes approximately 300 feet of stream habitat and 2.5 acres of surrounding riparian, floodplain and wetland habitat. The project includes sewer maintenance and stream restoration components. The sewer maintenance portion of the project will include cutting and capping an exposed, vertical section of sewer pipe, and stabilizing the bank around the two sewer manholes. Streambank restoration will include laying back stream banks, placing deformable soil wrapped walls around the sewer manholes to provide planting surfaces, placing large wood to provide streambank protection and habitat value, and revegetating with woody and herbaceous cover. The project will restore natural stream and riparian function and help ensure long-term stability of the Tryon sewer. As of February 2006, the project has been surveyed and designed. Permits are pending. Construction will begin in Summer 2006 or 2007.

Tryon Creek NOAA Restoration Project

The City was awarded a grant from the National Oceanic and Atmospheric Association (NOAA) for habitat enhancement in Tryon Creek for salmonids. Environmental Services worked with many watershed partners to place large woody debris in the stream and provide shade by planting trees in Tryon Creek State Natural Area (TCSNA). SOLV is also conducting community restoration projects along Quail Creek with Indian Hills and Quail Park residents. The partners (Tryon Creek Watershed Council, TCSNA staff and Friends of Tryon Creek State Park) are providing monitoring of the large woody debris and public information about the watershed. Project completed Fall 2005. Click [here](#) to read more about this project.

Before

After



Marshall Park Asphalt Removal

In cooperation with Portland Parks and Recreation, the Bureau of Environmental Services removed a basketball court covering about 3,100 square feet, which was located only 15 feet from Tryon Creek. The site has been replanted with native trees and shrubs. Species include Big Leaf Maples, Red Osier Dogwood, Red Elderberry, Western Thimbleberry, and Salmonberry. By removing the large impervious area, natural infiltration of rainwater into the soil will resume, recharging groundwater and reducing run-off. Planting riparian vegetation provides additional tree canopy, which aids in interception of rainwater, offers shading essential to cool the creek, and acts as wildlife habitat. Project completed Fall 2005.

Before



17th and Taylors Ferry Water Quality Facility

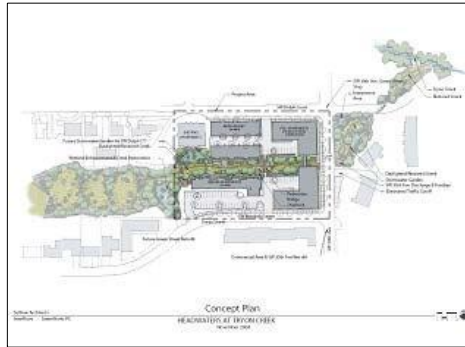
In 1999, citizens requested this vacant lot, owned by the Water Bureau, to become a pocket park. However, the site was too small for Portland Parks to provide services there. The neighborhood then requested that the City transfer ownership to Environmental Services (BES) to create a water quality facility. The City is working with the local community to design and install a swale to treat water that runs off neighborhood streets. This project will benefit Tryon Creek by reducing runoff flows and velocities and trapping pollutants, thereby enhancing water quality and stream habitat. Designs for the project are complete, construction will begin Spring 2006 and project will be completed Summer 2006.

Before



Headwaters Project

Environmental Services is working with the Portland Development Commission on a three acre multi-family development at SW 30th Ave. and SW Dolph Ct. The owner daylighted a headwaters tributary that was put in to a pipe on the property long ago. The project includes wetland enhancement in a nearby natural area, treatment for stormwater runoff from commercial areas, and full stormwater management on the development site.



Jackson Middle School Innovative Wet Weather Project

Working with Portland Public Schools, Environmental Services removed asphalt and built swales in the school's upper parking lot. The swales are shallow, narrow depressions that will be planted with grass and trees. Stormwater that flows into the swales will soak into the ground after the vegetation filters out pollutants.

After



For more information on these projects, please contact Jennifer Devlin at BES, (503) 823-6182 or jenniferd@bes.ci.portland.or.us