

INTRODUCTION

This document summarizes activities and feedback collected from Phase One of Tacoma’s **Urban Waters Protection Plan (UWPP)**¹. Phase One engagement strategies and tactics were designed to reach city-wide audiences to learn about community experiences and priorities across Tacoma’s nine sub-watersheds and inform future stormwater investments. This summary includes public engagement efforts and feedback collected between May 2021 and October 2021 through the following key methods:

- Interactive online open house
- Online and printed survey
- Social media campaign
- Presentations at external stakeholder meetings
- Online workshops
- Tabling events
- Watershed Council meetings

Engagement Overview

Community Engagement Goals

The overarching goal of the UWPP is to implement strategic stormwater management activities to **protect people, property, and habitats** from stormwater flooding and pollution throughout the watershed and prioritize solutions that **align with community needs** and accommodate future growth. The City of Tacoma (“the City”) recognizes the importance of partnering with key stakeholders and community members to develop a UWPP to meet the **diverse needs** of Tacoma’s sub-watersheds and the neighborhoods within them. The City is also committed to putting **equity considerations at the center of the UWPP** development by focusing engagement efforts on reaching overburdened and underserved communities within the City of Tacoma.

The Tacoma Watershed Public Engagement Plan (See **Appendix A: Tacoma Watershed Public Engagement Plan**) provides more detail around engagement goals, priorities, and intended outcomes.

Community Engagement Activities

To engage a representation of the public across different audiences, the City used two complementary outreach approaches: 1) inform and 2) consult and involve. These are described below.

¹ The title “Urban Waters Protection Plan (UWPP),” formerly referred to as the Watershed Management Plan (WMP), was selected based on feedback from community workshop participants.



INFORM

Educate members of the group about the rationale for the project or decision, how it fits with City goals and policies, issues being considered, and where input is needed.

Social media and outreach campaign

The social media and outreach campaign kicked off in August of 2021 and consisted of the following activities:

- Tacoma Sustainability Facebook Page post
- Environmental Services Facebook campaign for Puget Sound Starts Here (September)
 - Included Facebook event post for community workshops and watershed and stormwater management related content
- Tacoma Report news brief (September)
- Media News Release (September)
- Email invitations to stakeholder groups with summary information, collateral, and example social media posts to distribute to their networks. See **Appendix B: Outreach Collateral** for promotional template language examples.

Housed at www.tacomaurbanwatersheds.com, the online open house interactive webpage was published in September 2021 to serve as a central hub of information about the Tacoma Urban Waters Protection Plan. It contained a project overview page, information about existing stormwater programs and solutions available to Tacoma residents, and resources to learn more about the UWPP process and how stormwater issues impact people and the environment. Visitors were able to participate in an interactive survey, provide feedback, register for the two community workshops, and sign up to receive UWPP updates from the City. The page was available in English and Spanish.

Stakeholder meetings and events

The City collaborated with organizers of existing stakeholder meetings and community events to: 1) present on the UWPP process and project goals, 2) inform participants of upcoming engagement opportunities such as the online open house, survey, and workshops, and 3) distribute informative project collateral. Key audiences included City commissions, neighborhood councils, safe streets groups, and advocacy groups and partners. The City also reached out via email to a list of groups considered to have critical perspectives for shaping this planning effort, including community groups that represent overburdened and underrepresented communities and individuals.



CONSULT + INVOLVE

Gather information and ask for feedback from groups to better inform the City's work on the project. Work directly and consistently with groups to ensure their concerns are understood and considered in the City's planning process

Stakeholder interviews and discussions

The City conducted interviews and participated in discussions with several key stakeholders and partners to better understand how the UWPP process and priorities align with ongoing efforts focused on watershed health and stormwater from Tribes, agencies, community groups, and other stakeholders throughout Tacoma.

Public survey

The online open house website hosted an interactive survey that allowed visitors to geolocate specific sites or addresses on a map of Tacoma and submit associated stormwater concerns, ideas, and comments related to that site. Entries were added in real time via pin drop to the map for all visitors to view. The map included Tacoma's Equity Index that shows differences in the amount of opportunity between different areas of Tacoma based on 29 indicators related to health, wealth, and environmental conditions. The survey also contained questions related to stormwater and watershed characteristics, priority ranking, and overall satisfaction.

Online workshops

The City hosted two virtual community workshops via Zoom on these dates:

- Saturday, September 25th, 1-2:30pm
- Tuesday, September 28th, 5-6:30pm

The interactive workshops informed participants of the UWPPP timeline, goals, intended outcomes, and progress and gathered community input and feedback about their watershed- and stormwater-related issues, concerns, and priorities within their communities. Participants at both workshops were offered real time Spanish translation. All participants received a \$50 dollar gift card for their participation once the workshops ended.

Centering Equity

The City centered **equity** in the planning process and strived to provide **accessible opportunities for communities to participate**. Key outreach materials, including an informative one-pager and the online open house, were translated into Spanish and community workshops offered simultaneous spoken Spanish translation (See **Appendix B: Outreach Collateral**). All virtual events were accessible by phone as well as by computer.



The City conducted outreach to community organizations representing BIPOC, low-income, and non-English-speaking residents to **increase participation from historically unrepresented communities**. To incentivize participation from members of these organizations, the City offered \$50 gift cards for workshop participation. Additionally, the City strategically boosted promotion of workshop events on Facebook, paying for targeted advertisement within Tacoma's low opportunity zip codes.

Community and stakeholder feedback gathered from these engagement efforts will be used to inform the development of a new watershed prioritization tool that will address community needs and watershed health by prioritizing the most effective stormwater actions and projects at critical locations across sub-watersheds.

ENGAGEMENT OUTCOMES

Through the platforms and methods of engagement below, the City's engagement activities reached **over 10,700 people**.² Note that these totals represent total interactions and may double count individuals that engaged across multiple platforms.

² Estimates for number of people reached through meetings, events, and group interviews and discussions are approximate.

	METHOD	# REACHED
	Stakeholder meetings	190
	Public events (collateral distributed)	170
	Social media posts	9,921
	Online open house	310
	Stakeholder interviews and discussions	46
	Workshops	24
	Survey responses	115
Total		10,776

Social Media Campaign

The table below shows insights for promotion of UWPP engagement opportunities across multiple City hosted Facebook pages in September and October. Overall, the Facebook posts reached nearly ten thousand people, **317** of whom directly engaged with the post content.

PLATFORM	POST REACH	ENGAGEMENTS ³
Tacoma ES Facebook Page	3,616	213
Tacoma Sustainability Page	1,062	48
Facebook Event: Workshop #1 Post	3,418	27
Facebook Event: Workshop #1 Post	1,825	29
Total	9,921	317

³ Engagements – Reactions (likes), clicks on links, shares, and comments.



UWPP promotional post on the Tacoma Environmental Services Facebook Page.

Online Open House

From September 1, 2021, to October 29, 2021, the Online Open House had **310 unique visitors**. Other site analytics indicate:

- 541 total site sessions (includes repeat visitors)
- Average session duration was roughly 3 minutes
- Site sessions peaked on September 13th with 63 visitors
- Not including the Home Page, the most heavily trafficked tab on the website was the Survey tab
- The top three traffic sources include direct link, facebook.com, and cityoftacoma.org

CITY OF TACOMA

Home Watershed Management Plan Stormwater Solutions Get Involved Survey Learn More Contact

GET INVOLVED

You are an essential part of this watershed planning process.

We want to hear your priorities and concerns when it comes to stormwater issues in Tacoma. Your input will help protect clean water and increase healthy green spaces where they are needed most in Tacoma.

PHASE 1
APRIL 2020 - DECEMBER 2021

AUG-OCT '21 - Meetings with Community Groups

AUG-OCT '21 - Online Open House and Survey

SEPTEMBER 2021 - Community Workshops

ATTEND A COMMUNITY WORKSHOP

Tell us about the stormwater and watershed issues you notice in your neighborhood.

Saturday 9/25 at 1-2:30pm - Community Workshop #1

[Sign up here!](#)

Tuesday 9/28 at 5-6:30pm - Community Workshop #2

[Sign up here!](#)

TAKE OUR SURVEY

Share what stormwater actions are important to you

[Share your input!](#)

Get involved page on [Tacomaurbanwatersheds.com](https://tacomaurbanwatersheds.com)

Stakeholder Meetings and Events

The City informed stakeholder groups about the UWPP and opportunities for engagement by attending scheduled meetings and giving presentations and tabling at local events. Initial outreach to stakeholders was often conducted through email communication and typically included the following attachments (See **Appendix B: Outreach Collateral**):

- Informative two-pager with links and a QR code to the online open house, survey, and workshop registration page
- Where applicable, Spanish-language one-pager with links and a QR code to the online open house, survey, and workshop registration page

The table below lists external stakeholder meetings attended and groups engaged at multiple local events and meetings. The main distribution points for the printed collateral were two local events (the Broadway Farmers Market and Green Tacoma Day volunteer event) and the UPS campus bulletin boards, where the City distributed **65 postcards** and **105 utility bill inserts** with links and a QR code to the online open house, survey, and workshop registration page.

AUDIENCE	GROUP AND ENGAGEMENT ACTIVITY
Advocates & Partners	Email outreach
	<ul style="list-style-type: none"> • Green Tacoma Day volunteers • Open Space Site Stewards

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

	<ul style="list-style-type: none"> Stream Team volunteers Tahoma Audubon Society Swan Creek Clean-up Group Tacoma Environews Listserv community
Community Groups & Critical Perspectives	Meetings attended
	<ul style="list-style-type: none"> Hilltop Action Coalition Weekly Meeting Hilltop Summer Splash and Block Party event Stewardship Day event at Greater Christ Temple Green Tacoma Day volunteer event at Greater Christ Temple Swan Creek Clean-up Event TPCHD East Tacoma Collaborative TPCHD South End Community of Focus Salishan Community Meeting
	Email outreach
	<ul style="list-style-type: none"> APCC Korean Women's Association Black Collective Tacoma Housing Authority Salishan Community Centro Latino Latinos Unidos South Sound VT Radio
Implementation Partners	Meetings attended
	<ul style="list-style-type: none"> Puyallup River Watershed Council Meeting Chamber Clover Watershed Council Meeting Neighboring Jurisdictions Stormwater Staff/NPDES Phase II South Sound Coordinators Group Puyallup White River Local Integrating Organization Ecosystem Recovery Plan work group
	Email outreach
	<ul style="list-style-type: none"> UWT/UPS/ Bates Tech/Clover Park Tech Metro Parks Citizens for a Healthy Bay
General Public	Meetings attended
	<ul style="list-style-type: none"> Dometop Neighborhood Alliance Meeting Neighborhood Council Meetings (Eastside, West End, North End, Central, South End) Safe Street Group Meetings (Spring Hill, Lincoln, Pac-Yak, Fern Hill, Hillsdale, Alling Park, Larchmont, Shaska-Stafford-Sheri-Yak)
	Tabling at event
	<ul style="list-style-type: none"> Broadway Farmers Market patrons

Stakeholder Interviews

This table summarizes key notes from interviews and discussions with stakeholders including Tribal groups and several implementation partners. See **Appendix C: Stakeholder interviews and Discussion Notes** for more detail.

AUDIENCE	GROUP INTERVIEWED	KEY NOTES
Governments	Puyallup Tribe Fisheries Staff	<ul style="list-style-type: none"> How to align stormwater management efforts with Tribal priorities Water Quality in Commencement Bay and Puget Sound nearshore priority areas Unhoused encampment cleanup is a challenge Continue to update Tribe Fisheries during watershed planning process
	Puyallup Tribe Sustainability Work Group	<ul style="list-style-type: none"> Cleanup of unhoused encampments in First Creek, Styrofoam ban, electrifying Tribal fleet, and various cleanup events are priorities Protecting the land is important because Tribes do not have the option to leave if its polluted or too expensive Affordable housing within reservation boundaries
Implementation Partners	Port of Tacoma	<ul style="list-style-type: none"> Include non-City owned stormwater treatment devices in prioritization tool Include data on habitat mitigation sites, remediation/cleanup sites and nearshore confined disposal areas in the Tideflats Include Port staff in beta testing of prioritization tool
	Puget Sound Partnership	<ul style="list-style-type: none"> Standardized naming conventions in prioritization tool to facilitate regional use Coordinate with other regional efforts and partners Attend Action Agenda update meetings
	Puyallup River Watershed Council	<ul style="list-style-type: none"> Need to balance streamflow preservation for fish and increased demand for municipal drinking water Recommends integrating multi-benefit approaches like those promoted through the Pierce Conversation District Strategic Plan, which advocates for land use and development considerations in all watershed planning
	Chamber Clover Watershed Council	<ul style="list-style-type: none"> Low Impact Development/green stormwater strategies preferred over end-of-pipe treatment Preventing stormwater flow in receiving waters, salmon habitat, water quantity, streamflow support, and recharge are top priorities Need maintenance for fish passage and other restoration projects Prioritize water quality improvements on existing developments

	Pierce County Stormwater Planning Division	<ul style="list-style-type: none"> • Watershed and stormwater planning priorities, alignments and related projects • Watershed planning tools & standards
	Tacoma Tree Foundation	<ul style="list-style-type: none"> • Business, Multi-family and Property Manager engagement efforts around tree maintenance and green infrastructure just getting started with a business survey • Looking for participants for a pilot free tree and landscaping retrofit design program • Focus on the Tacoma Mall Subarea

Public Survey

The survey was available through the online open house website and distributed via paper copies at stakeholder engagement meetings and tabling events. Overall, there were **115 respondents** to the survey. See **Appendix D: Public Survey** for a list of survey questions.

Demographics Overview

In general, the UWPP engagement efforts were somewhat representative of the Tacoma residents. The groups most significantly underrepresented were the Latinx/Hispanic and Spanish-speaking communities. Renters in Tacoma were also underrepresented.

Foss Waterway, Flett Creek, and North Tacoma were the most represented watersheds in both the survey and workshop efforts. Survey respondents represented Tacoma's moderate, low, and very low opportunity zones⁴ fairly evenly, while respondents from high and very high opportunity zones constituted a much smaller proportion. Foss Waterway, Fleet Creek, Lower Puyallup watershed participants predominantly represented Tacoma's moderate, low, and very low opportunity zones. North Tacoma participants represented Tacoma residents in the high or very opportunity zones.

Race/Ethnicity

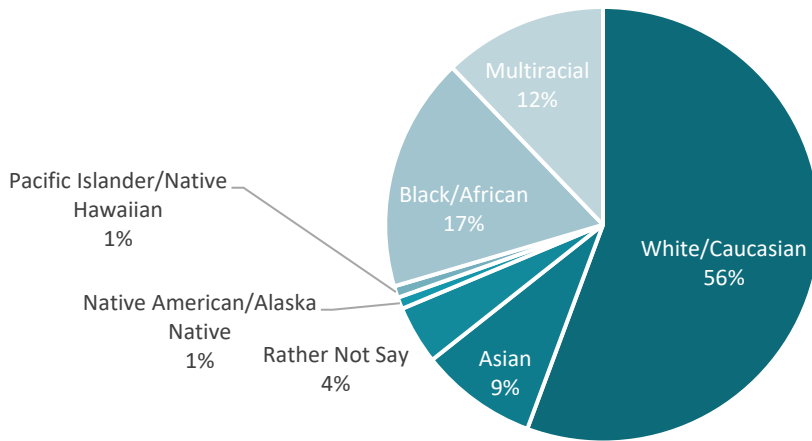
Over half (56%) of all respondents identify as White/Caucasian. The next most common race/ethnicity selected was Black/African at 17 percent.

⁴ Tacoma's Equity Index Map shows differences in the amount of opportunity between different areas of Tacoma based on 29 indicators about the health, wealth and environmental conditions in our community such as jobs, schools, clean air, and public safety.

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Race / Ethnicity	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	Not indicated	Total	% of Total
White / Caucasian	13	25	1	5	10	1	1	8	64	56%
Asian	3	4	0	0	0	0		3	10	9%
Native American / Alaska Native	0	0	0	1	0	0	0	0	1	1%
Pacific Islander / Native Hawaiian	0	1	0	0	0	0	0	0	1	1%
Black / African	1	17	0	0	1	0	0	1	20	17%
Multiracial	4	6	0	0	0	0	1	3	14	12%
Rather Not Say	0	1	0	0	3	0	1	0	5	4%
Total	21	54	1	6	14	1	3	15	115	100%⁵

Race and Ethnicity



“Multiracial” responses included individuals who made the following survey selections:

- Latino/Latinx/Hispanic, Native American/Alaska Native, other
- Asian, Black/African
- Middle Eastern/North African, Pacific/Islander/Native/ Hawaiian
- Native American/Alaska Native, other

⁵ Percentages may not equal one hundred due to rounding.

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

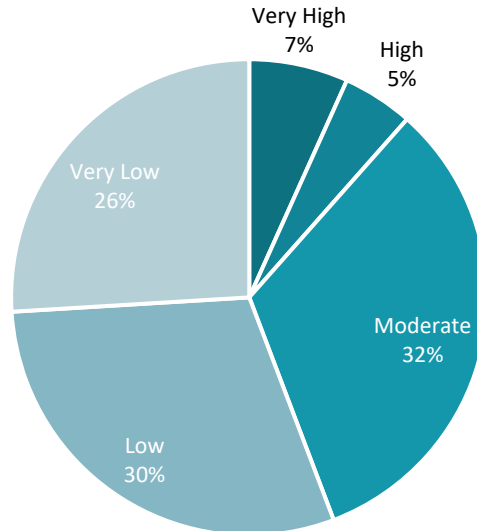
- Native American/Alaska Native, White/Caucasian
- Pacific Islander/Native Hawaiian
- Latino/Latinx/Hispanic, White/Caucasian
- Asian, White/Caucasian
- Latino/Latinx/Hispanic, Native/American Alaska/Native, White/Caucasian
- Black/African, Latino/Latinx/Hispanic
- Latino/Latinx/Hispanic, Native American/Alaska Native
- Asian, other
- Black/African, Pacific Islander/Native Hawaiian, other
- Native American/Alaska Native, White/Caucasian, other

Tacoma's Opportunity Zones

Of all survey respondents, 33 percent reside in **moderate opportunity** neighborhoods. Those that live in Foss Waterway, Flett Creek, and Lower Puyallup reside primarily in low or very low equity areas, while those residing in North Tacoma and Northeast Tacoma score very high or high on the equity index. Overall, more than half (56%) of respondents live in low or very low equity areas according to Tacoma's Equity Index Opportunity Zones

Opportunity Zone	Flett Creek	Foss Waterway	Leach Creek	Lower Puyallup	North Tacoma	Northeast Tacoma	Western Slopes	Total	% of total
Very High	0	0	0	0	5	1	1	7	7%
High	0	1	0	0	4	0	0	5	5%
Moderate	10	19	0	1	2	0	2	34	33%
Low	14	13	0	1	3	0	0	31	30%
Very Low	1	21	1	4	0	0	0	27	26%
Total	25	54	1	6	14	1	3	104	100%

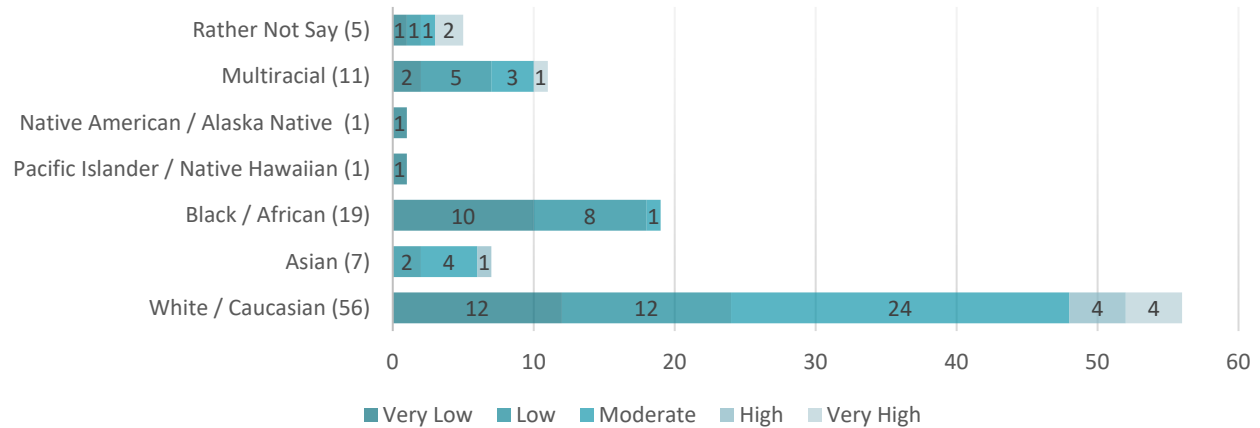
Tacoma Equity Index - Opportunity Zones



Of respondents that live in very low opportunity areas, more than half (52%) are from the Black, Indigenous, People of Color (BIPOC) communities (includes multiracial). Similarly, 54 percent of low opportunity zone residents are BIPOC or multiracial. Conversely, those that live in moderate, high, or very high opportunity areas are majority White/Caucasian.

Opportunity Zone	White / Caucasian	Asian	Black / African	Pacific Islander / Native Hawaiian	Native American / Alaska Native	Multi-racial	Rather Not Say	Total	% of total
Very High	4	0	0	0	0	1	2	7	7%
High	4	1	0	0	0	0	0	5	5%
Moderate	24	4	1	0	0	3	1	33	33%
Low	12	2	8	0	0	5	1	28	28%
Very Low	12	0	10	1	1	2	1	27	27%
Total	56	7	19	1	1	11	5	100	100%

Race/Ethnicity by Opportunity Zone

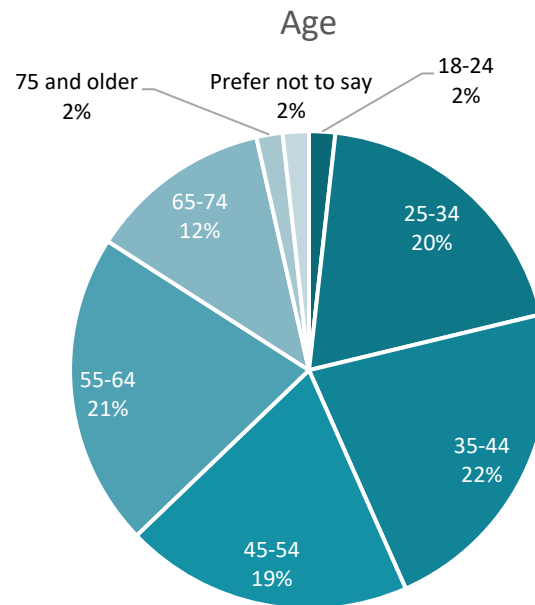


Age

The majority of respondents are between the ages of 35-44. The most underrepresented ages are respondents 18-24 years old (2%) and those 75 or older (2%).

Age	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	Not indicated	Total	% of total
18-24	0	0	0	0	0	1	0	1	2	2%
25-34	1	12	1	2	3	0	1	2	22	19%
35-44	4	11	0	4	4	0	1	1	25	22%
45-54	4	11	0	0	2	0	0	5	22	19%
55-64	5	10	0	0	3	0	1	5	24	21%
65-74	4	9	0	0	0	0	0	1	14	12%
75+	2	0	0	0	0	0	0	0	2	2%
Prefer not to say	0	0	0	0	2	0	0	0	2	2%
Total	20	53	1	6	14	1	3	15	113	100%

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

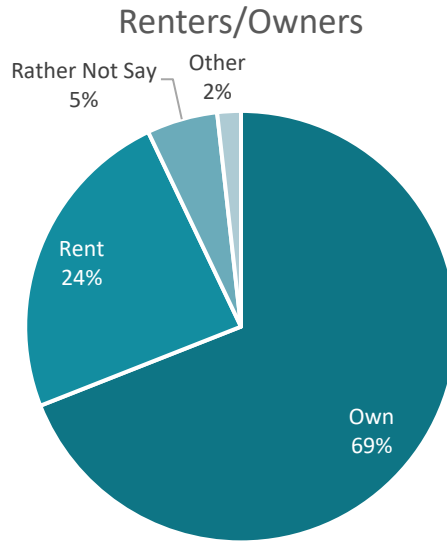


Renter/Owner

The majority of respondents own their home (69%).

Rent / Own	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	Not indicated	Total	% of total
Own	21	31	0	5	9	0	2	10	78	69%
Rent	0	17	1	1	4	0	1	3	27	24%
Rather Not Say	0	3	0	0	1	0	0	2	6	5%
Other	0	1	0	0	0	1	0	0	2	2%
Total	21	52	1	6	14	1	3	15	113	100%

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY



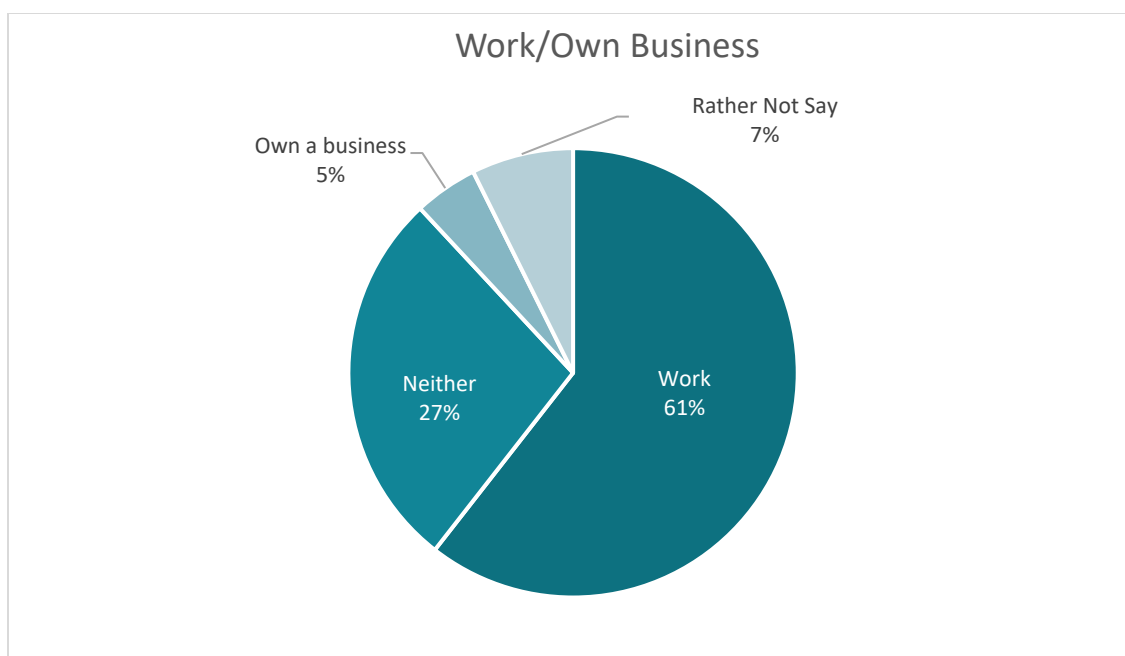
“Other” responses included:

- Live with parents
- I live on a boat that I own, but I rent a slip at Foss Harbor Marina.

Work/Own Business

Over three-fifths (61%) of respondents work in Tacoma while 27 percent neither work nor own a business.

Work/ Own Business	Flett Creek	Foss Water- way	Leach Creek	Lower Puyallup	North Tacoma	North- east Tacoma	Western Slopes	Not indicated	Total	% of total
Work	11	32	1	1	11	1	2	7	66	61%
Neither	9	12	0	4	1	0	1	3	30	27%
Own a business	1	2	0	0	1	0	0	1	5	5%
Rather Not Say	0	5	0	0	0	0	0	3	8	7%
Total	21	51	1	5	14	1	3	14	109	100%



Language

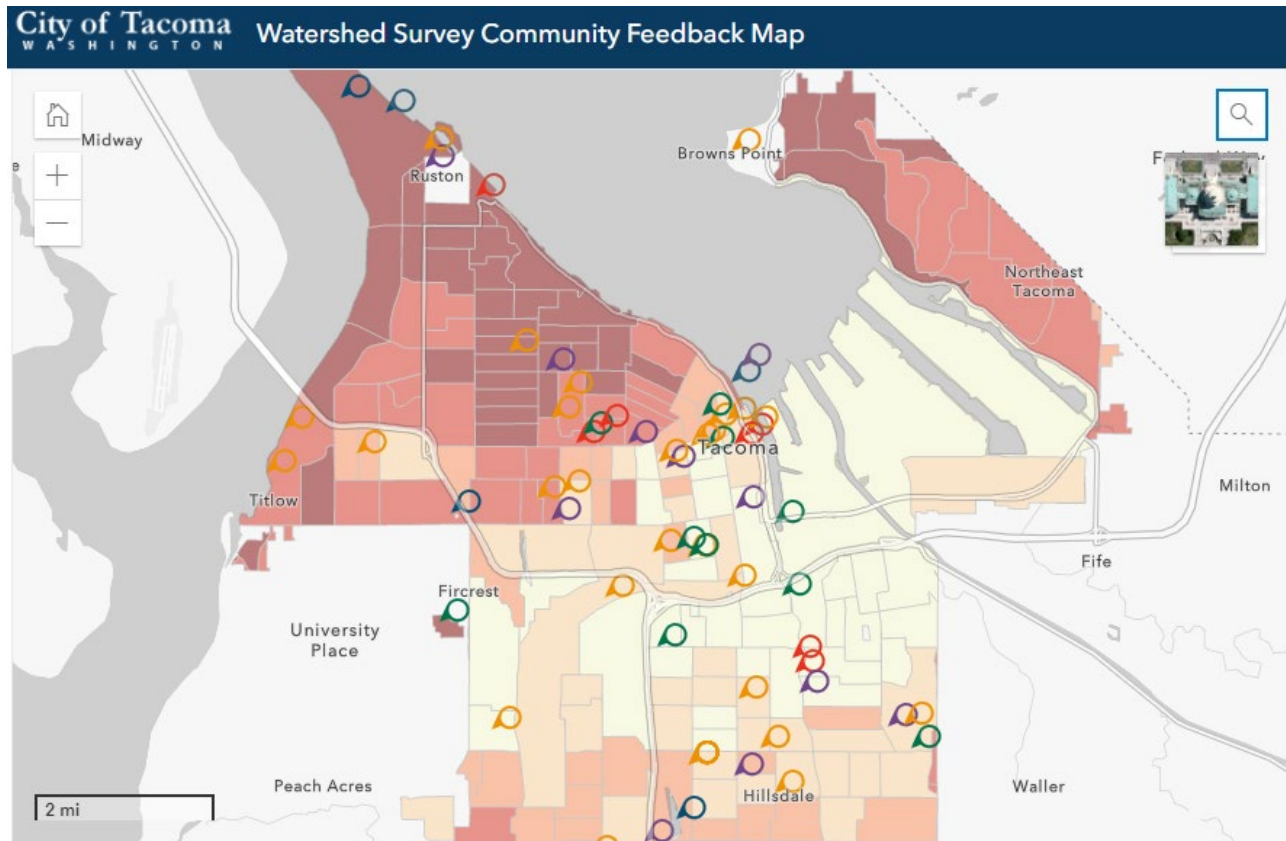
The overwhelming majority of respondents (99%) speak English as their primary language. Spanish speakers, who make up 6.9 percent of Tacoma's population are not represented in the survey. Additional languages indicated spoken at home include Italian, Korean, Spanish, English/Cambodian, Turkish, Chinese, ASL - American Sign Language, Philippines, Tagalog, and Esperanto.

Language	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	Not indicated	Total	% of total
English	19	45	1	6	13	1	3	11	99	99%
Cambodian	0	0	0	0	0	0	0	1	1	1%
Total	19	45	1	6	13	1	3	12	100	100%

Site Identification Map

The survey prompted participants to provide information on specific sites of interest or concern to them throughout Tacoma. Participants were able to drop a pin on an interactive map, select a topic area from a dropdown menu (litter/pollution, improvement idea, flooding, fishing/swimming, or other), and add optional notes about the site. A total of **64 survey respondents** participated in the interactive map survey question.

TACOMA URBAN WATERS PROTECTION PLAN COMMUNITY ENGAGEMENT SUMMARY



Identified sites by survey respondents on Tacoma's Watershed Community Feedback Map.

Survey respondents identified more sites in Tacoma's low (36%) and very low (25%) opportunity zones than in other zones. Half of respondents (50%) provided "other" comments while 17 percent identified sites with litter/pollution issues and 16 percent had site improvement ideas. Additional respondent comments are found in **Appendix E: Tacoma's Watershed Community Feedback Map - Additional comments.**

Watershed/ Opportunity Zone	Other Comment	Litter/ Pollution	Improvement Idea	Flooding	Fishing/ Swimming	Total	%
VERY HIGH	2	1	1	1	2	7	11%
North Tacoma	2		1	1	2	6	9%
Leach Creek		1				1	2%
HIGH	5	1	1	1	1	9	14%
North Tacoma	2	1		1		4	6%
Western Slopes	2					2	3%
Flett Creek	1		1			2	3%
Leach Creek					1	1	2%
MODERATE	5	3		1		9	14%
North Tacoma	1	1		1		3	5%
Foss Waterway	2	1				3	5%

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Flett Creek	1	1				2	3%
Western Slopes	1					1	2%
LOW	15	1	5	2		23	36%
Foss Waterway	6		2	2		10	16%
Flett Creek	6		1			7	11%
North Tacoma	2		1			3	5%
Lower Puyallup	1	1	1			3	5%
VERY LOW	5	5	3	3		16	25%
Foss Waterway	3	4	2	2		11	17%
Flett Creek	1	1	1	1		4	6%
North Tacoma	1					1	2%
Total	32 (50%)	11 (17%)	10 (16%)	8 (13%)	3 (5%)	64 (100%)	100%

Continued Involvement

Most respondents (68%) would like to stay involved in the UWPP process and want resources around healthy watershed solutions. Respondents are most interested in learning how the city can help folks **clean up trash** in their neighborhood.

STAY INVOLVED	TOTAL
Clean up trash	55
No thanks	38
Receive emails	37
Build a rain garden	28
Replace my lawn	27
Free trees	26
Keep litter leaves out of storm drains	24
Care for a local habitat area	21
Replace pavement with planted areas	17
Mark storm drains	16
Clean up dog waste	16
Total	119

How participants heard about survey

The half of all respondents (50%) heard about the survey through social media outlets like Facebook and 35 percent heard about it through the Safe Streets Group.

SOURCE	TOTAL	% OF TOTAL
Other	53	51%
Safe Streets Group	37	35%
Tacoma EnviroNews Email	5	5%
Watershed Council	5	5%
Tacoma Tree Foundation	2	2%

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Citizens for a Healthy Bay	1	1%
Neighborhood Council	2	2%
Total	105	100%

“Other” write-in responses included:

- Hilltop Summer Splash
- Shauna Hansen
- Email from other residents (and the South Tacoma Business District)
- Google Alert "City of Tacoma"
- Social media
- Email from City of Tacoma staff
- Salishan association
- Center for Urban Waters (CUW)
- Facebook (Tacoma Sustainability page, Tacoma Environmental Services page, Central Tacoma Neighborhood page)
- Clover Park Tech – instructor recommendation
- BPTAG
- Green Tacoma Day - Greater Christ Temple

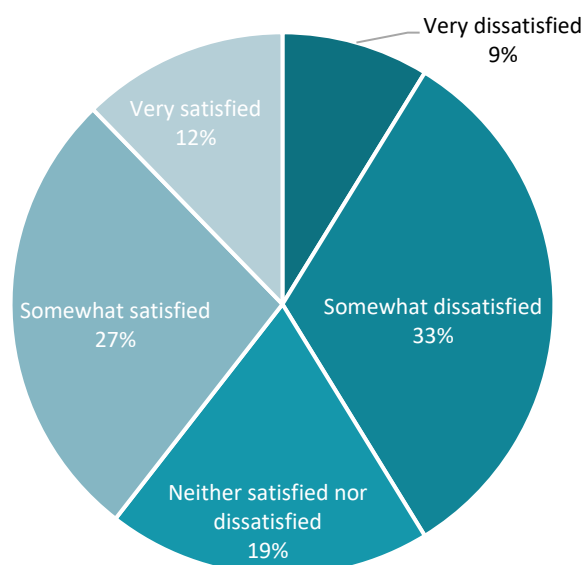
Watershed Characteristic Satisfaction

The survey prompted respondent to rank their satisfaction levels for various watershed characteristics or features.

Tree Canopy

Roughly one third of respondents (32%) are **somewhat dissatisfied** with their neighborhood’s tree canopy, particularly those who reside in Flett Creek, Foss waterway, and Western slopes. Over a quarter (27%) of overall respondents are somewhat satisfied with their neighborhood tree canopy, with North Tacoma, Northeast Tacoma, and Lower Puyallup representing the highest rates of satisfaction.

Tree Canopy



Level of Satisfaction	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	Northeast Tacoma	Western Slopes	Not indicated	Total	% of total
Very dissatisfied	3	1	0	1	2	0	1	2	10	9%
Somewhat dissatisfied	7	18	0	1	4	0	2	5	37	32%
Neither satisfied nor dissatisfied	4	14	0	1	0	0	0	3	22	19%
Somewhat satisfied	4	13	1	2	6	1	0	4	31	27%
Very satisfied	4	6	0	1	2	0	0	1	14	12%
Total	22	52	1	6	14	1	3	15	114	100%

How Easy It Is to Bike, Walk, or Roll

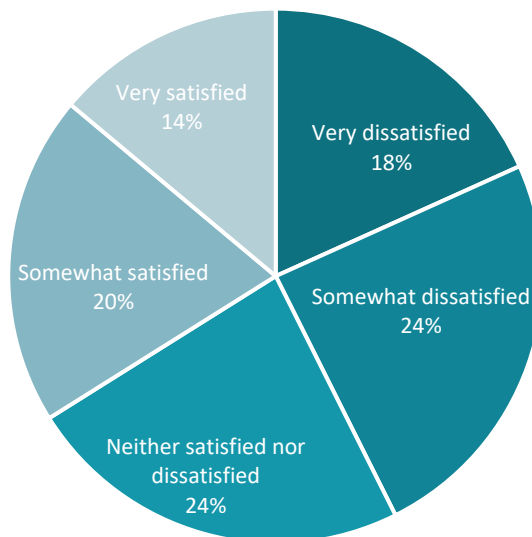
One fourth (24%) of respondents are **somewhat dissatisfied** with how easy it is to bike, walk, or roll in their neighborhood, particularly those who reside in Flett Creek, Lower Puyallup, and Northeast Tacoma. Another quarter (23%) is neutral, or **neither satisfied nor dissatisfied**. North Tacoma watershed saw the highest rates of very dissatisfied respondents relative to other watersheds.

Level of Satisfaction	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	Northeast Tacoma	Western Slopes	Not indicated	Total	% of total
Very dissatisfied	2	8	0	1	5	0	1	4	21	18%

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Somewhat dissatisfied	8	9	0	2	4	1	1	3	28	24%
Neither satisfied nor dissatisfied	6	14	0	1	2	0	1	3	27	23%
Somewhat satisfied	4	12	0	1	2	0	0	4	23	20%
Very satisfied	2	10	1	1	1	0	0	1	16	14%
Total	22	53	1	6	14	1	3	15	115	100%

How Easy It Is to Bike, Walk, or Roll



Amount of Flooding

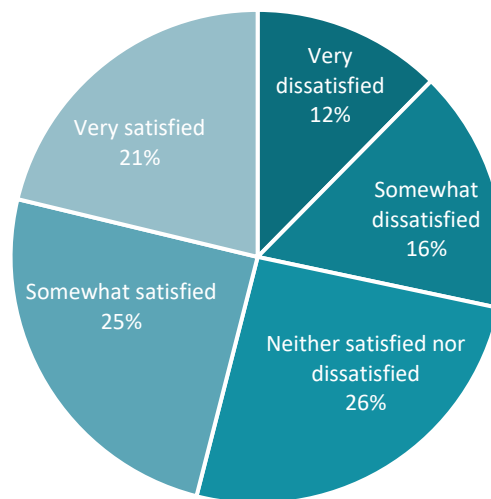
Over a quarter (26%) of respondents are generally **neither satisfied nor dissatisfied** with the amount of flooding in their neighborhoods, while another quarter is somewhat satisfied (25%). Foss Waterway had the highest rate of somewhat and very dissatisfied residents compared to other watersheds.

Level of Satisfaction	Flett Creek	Foss Waterway	Leach Creek	Lower Puyallup	North Tacoma	Northeast Tacoma	Western Slopes	Not indicated	Total	% of total
Very dissatisfied	2	6	0	1	0	0	1	4	14	12%
Somewhat dissatisfied	3	11	0	1	2	0	0	1	18	16%

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Neither satisfied nor dissatisfied	8	14	0	1	3	0	1	2	29	26%
Somewhat satisfied	3	12	1	0	6	1	0	5	28	25%
Very satisfied	5	10	0	3	3	0	1	2	24	21%
Total	21	53	1	6	14	1	3	14	113	100%

Amount of Flooding



Cleanliness of Streams, Ponds, Lakes, and Beaches

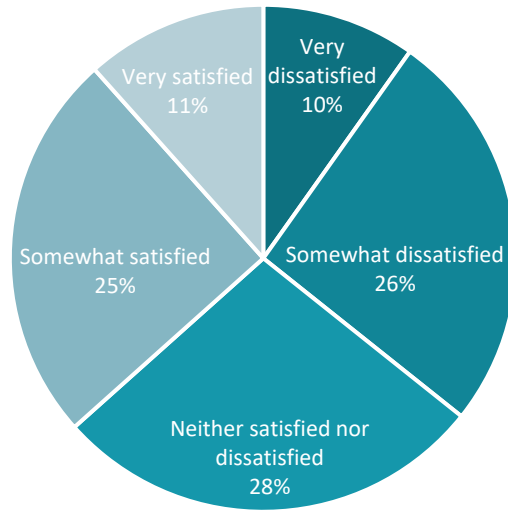
Over one quarter (28%) of respondents are **neither satisfied nor dissatisfied** with the cleanliness of streams, ponds, lakes, and beaches in their neighborhood, followed closely by respondents who are **somewhat dissatisfied** (26%). Respondents residing in Lower Puyallup and North Tacoma had the highest rates of dissatisfaction (somewhat dissatisfied and very dissatisfied) compared to other watersheds.

Level of Satisfaction	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	Not indicated	Total	% of total
Very dissatisfied	3	2	0	1	0	0	1	4	11	10%
Somewhat dissatisfied	5	9	1	3	7	0	1	3	29	26%
Neither satisfied nor dissatisfied	5	18	0	1	3	0	0	4	31	28%

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Somewhat satisfied	7	12	0	1	3	1	1	3	28	25%
Very satisfied	1	10	0	0	1	0	0	1	13	12%
Total	21	51	1	6	14	1	3	15	112	100%

Cleanliness of Streams, Ponds, Lakes, and Beaches

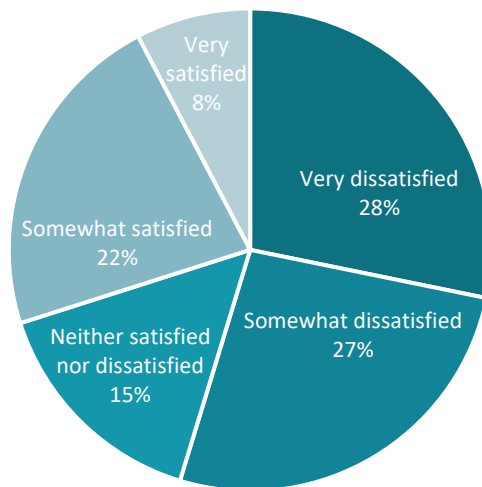


Proper Pet Waste Disposal

Over half of all respondents are **very dissatisfied** (28%) or **somewhat dissatisfied** (26%) with proper pet waste disposal in their neighborhoods. While the respondents from Northeast Tacoma are somewhat satisfied. Compared to other watersheds, the highest rate of satisfaction are in the North Tacoma watershed.

Level of Satisfaction	Flett Creek	Foss Waterway	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	Not indicated	Total	% of total
Very dissatisfied	7	15	0	3	1	0	2	5	33	28%
Somewhat dissatisfied	6	15	1	0	6	0	0	3	31	26%
Neither satisfied nor dissatisfied	5	9	0	1	1	0	1	1	18	15%
Somewhat satisfied	3	12	0	2	4	1	0	4	26	22%
Very satisfied	2	3	0	0	2	0	0	2	9	8%
Total	23	54	1	6	14	1	3	15	117	100%

Proper Pet Waste Disposal



Watershed Characteristics Importance

When asked to identify all watershed characteristics important to them, the majority of respondents identified **cleanliness of streams, ponds, lakes and beaches** (87%) and **having lots of trees** (80%) as the two most important amenities in their neighborhoods. Less flooding was the least important characteristic (47%).

Characteristic	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	N/A *	Total	% of total
Having lots of trees	19	41	1	5	12	1	3	13	95	80%
Cleanliness of streams, ponds, lakes, and beaches	22	46	0	5	12	1	3	14	103	87%
Birds, bees, and butterflies	20	37	1	5	12	1	2	13	91	76%
Having lots of parks and natural areas	16	38	1	5	13	1	3	13	90	76%
Pet waste stations with trash cans	18	44	0	5	9	0	2	11	89	75%
Less flooding	8	31	0	3	4	0	1	9	56	47%
Other	1	0	0	0	0	0	0	0	1	1%
Total	25	54	1	6	14	1	3	15	119	-

*Not indicated

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

When asked to identify the most important neighborhood characteristic of the list they identified, nearly one quarter (24%) of respondents identified **having lots as trees**.

Characteristic	Flett Creek	Foss Water-way	Leach Creek	Lower Puyall up	North Tacoma	North-east Tacoma	Western Slopes	N/A	Total	% of total
Having lots of trees	6	6	0	1	3	1	1	1	19	23%
Cleanliness of streams, ponds, lakes, and beaches	2	6	0	3	2	0	0	4	17	20%
Having lots of parks and natural areas	2	8	0	0	5	0	0	1	16	19%
Birds, bees, and butterflies	1	7	1	2	1	0	0	2	14	17%
Pet waste stations with trash cans	1	3	0	0	2	0	2	3	11	13%
Less flooding	4	1	0	0	0	0	0	1	6	7%
Other	0	0	0	0	0	0	0	0	0	0%
Total	16	31	1	6	13	1	3	12	83	100%

Most Important Characteristic



Desired Watershed Changes

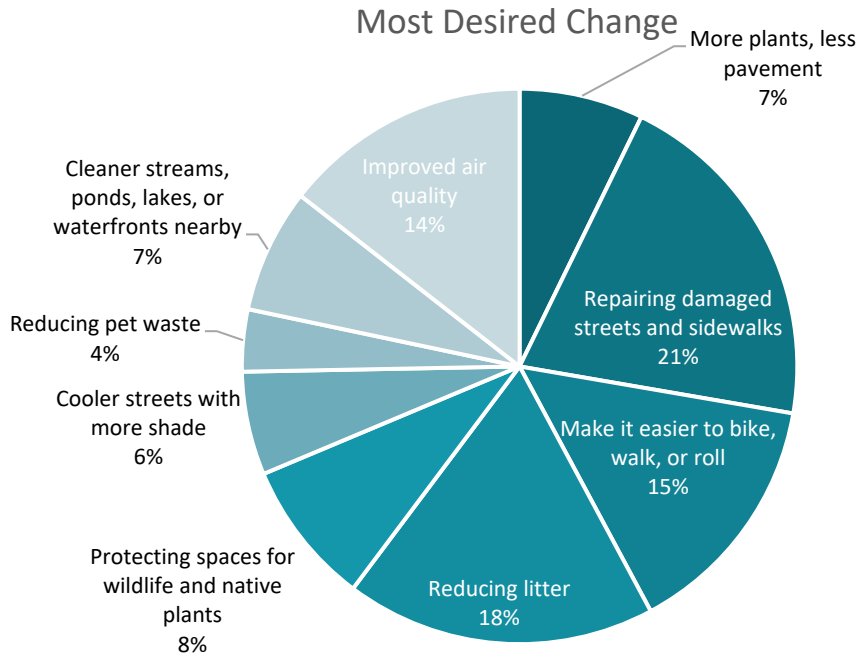
The survey asked respondents to identify what watershed characteristics or features they would most want to change. Multiple responses were allowed. Overall, respondents wanted the following changes to be made in their neighborhoods: **repair damaged streets and sidewalks** (87%), **reduce litter** (77%), and **improve air quality** (66%).

Characteristic	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	N/A	Total	%
Reducing flooding	7	19	0	2	2	0	1	7	38	32%
More plants, less pavement	12	24	1	4	10	1	2	10	64	54%
Repairing damaged streets and sidewalks	21	43	1	6	13	1	3	14	102	86%
Make it easier to bike, walk, or roll	14	21	0	3	12	1	1	9	61	51%
Reducing litter	19	42	1	6	9	0	3	12	92	77%
Protecting spaces for wildlife and native plants	18	24	1	5	10	0	1	11	70	59%
Cooler streets with more shade	14	28	0	4	10	1	1	11	69	58%
More access to nearby natural areas	4	21	1	2	7	1	0	11	47	39%
Reducing pet waste	10	23	0	4	6	0	1	10	54	45%
Cleaner streams, ponds, lakes, or waterfronts nearby	12	19	0	6	11	1	1	11	61	51%
Improved air quality	14	33	1	4	9	1	1	12	75	63%
Total	25	54	1	6	14	1	3	15	119	-

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Of their selections, respondents were asked to identify their top priority. One fifth (20%) of respondents identified **repairing damaged streets and sidewalks** and another 18 percent identified **reduced litter** as their top priority for desired watershed changes.

Characteristic	Flett Creek	Foss Water-way	Leach Creek	Lower Puyallup	North Tacoma	North-east Tacoma	Western Slopes	N/A	Total	% of total
Reducing flooding	0	0	0	0	2	0	0	0	0	0%
More plants, less pavement	1	2	0	0	2	0	0	1	6	7%
Repairing damaged streets and sidewalks	3	8	0	0	3	0	0	3	17	21%
Make it easier to bike, walk, or roll	3	7	0	0	2	0	0	0	12	14%
Reducing litter	4	6	0	2	0	0	0	1	15	18%
Protecting spaces for wildlife and native plants	1	1	0	1	1	0	0	3	7	8%
Cooler streets with more shade	2	1	0	0	1	0	1	0	5	6%
More access to nearby natural areas	0	0	0	0	0	0	0	0	0	0%
Reducing pet waste	1	0	0	0	0	0	1	1	3	4%
Cleaner streams, ponds, lakes, or waterfronts nearby	0	2	0	1	1	0	0	2	6	7%
Improved air quality	3	2	1	1	2	0	1	2	12	14%
Total	18	29	1	5	14	0	3	13	83	100%



Community Workshops

Two iterations of the same virtual community workshop were held on a Saturday afternoon and Tuesday evening to increase access for community members with various work schedules. The workshops were both held on Zoom and accessible through phone or computer. One participant indicated they required live Spanish translation during the workshop. The table below shows the final registration and participation count for each workshop.

WORKSHOP DAY/DATE	REGISTRANTS	PARTICIPANTS	RATE
Saturday, September 25 th	23	10	43%
Tuesday, September 28 th	21	14	67%
Total	44	24	54%

Participant Information

The registration form for both workshops prompted participants to identify how they learned about the workshop. Most participants indicated that they heard about the workshop through an “other” source. Because this was an optional question not all registrants responded. Responses are listed in descending order from highest to lowest.

SOURCE	RESPONSES
Other	15
Tacoma Enivronews Email	4
Watershed Council	4
Safe Streets Group	3

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Neighborhood Council	2
Hilltop Action Coalition	2
Citizens for a Healthy Bay	2
Tacoma Tree Foundation	1
Pierce Conservation District	1
Tacoma Pierce County Health Department	1
Business District	0

“Other” responses included:

- Consejo
- Staff
- Tacoma community Facebook group (3)
- I serve as the Chair of Human Rights Commission and on the board of the Hilltop Action Coalition
- Facebook (4)

Using a map, workshop participants were asked to identify the watershed they live or work in using the Zoom poll feature. Of the participants who joined the two workshops, 39 percent indicated they reside in Foss Waterway and 22 percent indicated Flett Creek and North Tacoma. All in-workshop poll questions were optional.

WATERSHED	RESPONSES	%
Foss Waterway	7	39%
Flett Creek	4	22%
North Tacoma	4	22%
Leach Creek	1	6%
Western Slopes	1	6%
Joe’s Creek	1	6%
Northeast Tacoma	0	0%
Lower Puyallup	0	0%
Tideflats	0	0%
Total	18	100%

Workshop participants were asked to identify when stormwater runoff becomes a problem in their experience. They were prompted to select all options that applied. **Polluting salmon, orcas, and other marine creatures** and **polluting groundwater** were most were identified as the biggest problems.

WHEN IS STORMWATER A PROBLEM	Responses
Polluting salmon, orcas, and other marine creatures	15
Polluting groundwater	11
Ponding water on sidewalks or trails interferes with walking, biking, or rolling	10
Eroding slopes	10

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Ponding water on the streets, parking lots, or alleys interferes with driving	7
Polluting swimming beaches	6
Sewer back-ups	5
Flooding my house or garage	4
It is not a problem	0

Workshop participants were asked to identify which proposed plan name most resonates with them. Half (50%) of respondents chose “Urban Waters Protection Plan.”

PROPOSED PLAN NAME	Responses	%
Urban Waters Protection Plan	8	50%
Protect Our Waters Plan	6	38%
Stormwater Action Prioritization Plan	1	6%
One Tacoma Watershed Plan	1	6%
Total	16	100%

Tacoma’s Vision for Healthy Neighborhoods and Watersheds

As part of the virtual workshops, participants joined small discussion groups led by project team facilitators. Using the web-based interactive MURAL Board platform, participants were asked to participate in an exercise to describe their vision for healthy Tacoma neighborhood and watersheds. Images of workshop MURAL Boards are found in **Appendix F: Workshop MURAL Boards**. The tables below include direct feedback to the following guiding questions and recurring themes represented across responses to each question

- *What does a healthy neighborhood mean to you?*
- *What does a healthy watershed mean to you?*

WHAT DOES A HEALTHY NEIGHBORHOOD MEAN TO YOU?	
Theme	Feedback
<ul style="list-style-type: none"> • Clean green spaces • Accessible public transit • Walkable neighborhoods • Access to healthy food • Biodiversity and wildlife health 	<ul style="list-style-type: none"> • Us humans taking responsibility for our part in the larger ecosystem. • Neighborhood = ALL of us • Clean neighborhood parks • Equal access to safe outdoor spaces • Thriving community • Trees • Thriving People • Love, work, play in the same area • Lots of trees and shade • Housing • Food security • Diversity of class/race • Accessible healthy food options

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

	<ul style="list-style-type: none"> • Adequate public transit options • Walkability • Walkable/rollable • Open space • Resources • Clean, green space, safe, birds • Maintained water cleanliness • Enough tree coverage (shade) • gardeners not using pesticides • our tax dollars should be protecting our water as • Clean neighborhood parks • Adopted our Storm Drains • Open green space and mature trees • Maintained spaces - rain gardens and other facilities that clean water • Urban wildlife diversity • Unmaintained spaces, too: native plants • Eco-Industry / Greenzones • Needs to be incorporated into City budgets - grants for lower income areas to implement these solutions • Better regulated heavy industry • LID - natural solutions to cleaning water • Amendment to consider new zoning - protect groundwater aquifer • Better public transportation • Better promotion of existing opportunities/grants - cross advertising
--	---

WHAT DOES A HEALTHY WATERSHED MEAN TO YOU?

Theme	Feedback
<ul style="list-style-type: none"> • Healthy ecosystems and biodiversity • Clean water to drink and flow to the Puget Sound • Thriving green spaces • The City regulates human impact and development 	<ul style="list-style-type: none"> • Increased monitoring of indicator species • Thriving water, soil and air • Minimizing harmful human impact. A thriving ecosystem • Healthy ecosystem • Sustained greenspaces • Natural cycles are present • Groundwater is captured locally • Lush tree canopy • Biodiversity • Food for bees and pollinators • Rainwater education • Thriving life • Direct runoff from human activities are a concern for health - damaging for people and marine life • healthy land for us and land animals and marine life • should have healthy features related to wastewater; protection of native species; minimize destruction and avoid repairing

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

	<ul style="list-style-type: none">• Open green space and mature trees• Urban wildlife diversity• Buy-in from the neighborhood• Need education to prevent further destruction; focus on preservation• City to make clear priorities and commitment around healthy watersheds; often get shifted down as a priority• No pollution in public water sources• Clean, unpolluted water• No pollution in the Sound• The ability to drink tap water safely• Our community will eventually be able to undo so much pollution that has affected our wildlife as well as preserve future wildlife both on land and water• Lack of wildlife• No polluted runoff from the roads
--	---

The visual below represents words and phrases used in the feedback listed above to describe both healthy neighborhoods and healthy watersheds. The more frequently a word was used in the feedback, the larger it appears in the visual.



The tables below include direct feedback to the following guiding questions and recurring themes heard for each question:

- *What makes a neighborhood unhealthy?*
- *What makes a watershed unhealthy?*

WHAT MAKES A NEIGHBORHOOD UNHEALTHY?	
Theme	Feedback
<ul style="list-style-type: none"> • Pollutants and toxins in waterways from human activities 	<ul style="list-style-type: none"> • A lack of affordable grocery stores and safe outdoor spaces • Humans harming the delicate balance of nature either through greed, ignorance, or both

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

<ul style="list-style-type: none"> • Too much pavement, not enough green spaces • Unregulated development and industry practices • Not enough public education about human impacts and solutions 	<ul style="list-style-type: none"> • Paving over green spaces • No near local farmer markets • No green spaces • Lack of green space • Human waste • Lack of trees • Light pollution • Noise pollution • Not enough traffic calming • No front porches • Limited transit connections • Lack of adequate resources/info • Lack adequate housing • Lack of proper drainage • Litter • Not enough housing • Poor water quality • Not being able to safely drink tap water • Illegal to collect and reuse rainwater • Using herbicides and pesticides • Air pollution • Paved planting strips
---	---

WHAT MAKES A WATERSHED UNHEALTHY?	
Theme	Feedback
<ul style="list-style-type: none"> • Pollutants and toxins in waterways from human activities • Too much pavement, not enough green spaces • Unregulated development and industry practices • Not enough public education about human impacts and solutions 	<ul style="list-style-type: none"> • Pet waste • Not enough data collection • contaminants – arsenic and legacy pollution • A lack of education, and a lack of concern • Industrial waste, litter, human and pet waste, oil • Contamination • Water pollution • Animal waste • Lack of biodiversity • Dripping cars • Nothing for the bees to eat • Chemical from car washing • Limited walkability • Too much pavement • Not enough trees • Pollution • Dog poop • Too much impermeable pavement • garbage and recycling being directly where rainwater doesn't help the situation • Pavement • Over-construction • Too much pavement • Poorly regulation industry • Uncontained Petro-chemicals / toxins • Use of herbicides, pesticides, synthetic fertilizers • Lack of open green space and mature trees • Improper use of land; building too close; construction around riparian areas • Having healthy areas inaccessible for vulnerable peoples

Participants were also asked to think about the connections and relationships they see between healthy neighborhood and healthy watersheds. The table below includes direct feedback from participants. Recurring and heavily emphasized themes from the input are as follows:

- Clean, accessible, and safe water and green spaces
- Environmental justice and equity considerations built into housing and development planning
- Wildlife and biodiversity health balanced with human growth and activities

CONNECTIONS BETWEEN HEALTHY NEIGHBORHOODS AND HEALTHY WATERSHEDS

Feedback

- Everyone has affordable housing
- Clean green space
- Clean public space
- Clean – no pollution on ground
- Clean unpolluted water
- Education – provide access to healthy spaces will help with health of watersheds – transportation to get to these spaces is needed
- Equity: bus fare is used for work transportation; difficult to spend it on recreation
- Green spaces are located in higher economic areas; easier access; not aware of lack of healthy/green spaces in lower socio-economic spaces
- Push for more affordable housing; concerned about for-profit development – leadership needs to stand up and say no
- Environmental justice: \$ for redevelopment is tied to prop values; hard to get to occur to low-income areas
- GMA pushed by transit and driving building production – need more synergy between different agencies
- Housing
- Thriving life
- Biodiversity / local food
- Greenspace/tree canopy
- Proper disposal of pet/human waste
- Mobility through the neighborhood & watershed
- Education and regulation. Helping people and businesses see our species as just one part of a larger whole
- More green spaces connected to longer lifespan
- Equitable balance between all residents, both human and animal
- Continuous feedback

Watershed Characteristics Ranking and Barrier Discussion

Using MURAL board, participants were asked to rank their top three watershed characteristics based on importance or concern.

WATERSHED CHARACTERISTICS/ISSUES	
Cleanliness of streams, ponds, lakes, and beaches	9
Birds, bees, and butterflies	9
Protection of natural habitat areas	8
More plants, less pavement	8
Lots of trees	7
Pet waste stations with trash cans	7
Air quality	6
Reduced litter	4
How easy it is to bike, walk, or roll	4
Access to nearby parks and natural areas	4

Amount of Flooding	2
--------------------	---

Participants provided input on barriers, needs, and potential solutions to improving the top-ranked watershed characteristics. The table below provides direct feedback as well repeated themes associated with each characteristic or issue.

WHAT ARE BARRIERS AROUND IMPROVING THE TOP CHARACTERISTICS/ISSUES THAT YOU HAVE NOTICED OR DEALT WITH?		
Characteristic/ Issue	Theme	Feedback
Cleanliness of streams, ponds, lakes, and beaches	<ul style="list-style-type: none"> Lack of funding Need solutions to big litter problem 	<ul style="list-style-type: none"> People believing there is actually a problem People don't think they should pick up trash that "isn't theirs" Illegal dumping Rain barrels Funding Garbage and trash into the waters Time to clean it Cost of waste services (garbage collection)
Birds, bees, and butterflies	<ul style="list-style-type: none"> High costs associated with planting pollinator plants 	<ul style="list-style-type: none"> People believing there is actually a problem Money to plant what attract these Costs Pesticides Improper landscaping Feral cats are destructive to bird population – need to spay/neuter More native and pollinator friendly flora More bat habitat
Protection of natural habitat areas	<ul style="list-style-type: none"> Increase protection from new development Increase native flora 	<ul style="list-style-type: none"> Costs Over-landscaping – need to let spaces go native, rather than putting in lawns Human destruction Increase community involvement Storm drain program is strong example New development and encroachment New development needs have dog parks
More plants, less pavement	<ul style="list-style-type: none"> Address public's perceived barriers 	<ul style="list-style-type: none"> Existing pavement Perceived effort to maintain Accessibility for wheelchairs/strollers Perceived costs of maintenance (trees) Mess from falling fruit left on ground Cost of staffing Lawns are fancy

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Lots of trees	<ul style="list-style-type: none"> Increased regulatory and permitting solutions to protect trees and green spaces from development 	<ul style="list-style-type: none"> Costs Over-development Need to increase community involvement Resources to protect trees – free tree maintenance Consider other solutions before felling mature trees Need permits to cut down trees but not 100% of the time – in certain areas like wetlands and other protected areas you need a permit Conflicts with underground sewer pipes – need to choose solution to save trees Very few trees on waterfront, possibly because people in expensive condos don't want to lose their view City has strong program for tree planting Tree maintenance and property damage Permitting barriers for rain gardens - need strong permitting standards
Pet waste stations with trash cans	<ul style="list-style-type: none"> Increase maintenance of full trash cans and empty bag dispensers 	<ul style="list-style-type: none"> Bag dispensers are often empty Trash cans often full Not enough signage to discourage people from leaving pet waste Need to increase community involvement Incentives
Air Quality		<ul style="list-style-type: none"> People believing there is actually a problem Electronic vehicle costs
Access to nearby parks and natural areas	<ul style="list-style-type: none"> Increase maintenance of green spaces, including invasive species control and help for unhoused individuals 	<ul style="list-style-type: none"> Urban sprawl limiting options to access natural areas Trail to the mountain isn't built yet Overcrowding Lack of shade/places to escape the heat or other elements Unkept greenspaces Uneven distribution of parks/facilities Pre-WW2 neighborhoods not built near parks – use school space as Ersatz Park, but not the same Valuation of green spaces includes benefits to human mental and physical health Invasive species Lack of needle collection bins knotweed/blackberries/ivy Not enough restrooms at parks Danger or perceived danger from unhoused folks in greenspaces
How easy it is to bike, walk, or roll	<ul style="list-style-type: none"> Prioritize bike safety in road design 	<ul style="list-style-type: none"> Locations are far away Conflicting interests Perception of poverty/anti-bike sentiment Nowhere to go within reasonable distance

	<ul style="list-style-type: none"> • Increase dense urban centers for better walkability/bikeability 	<ul style="list-style-type: none"> • Nowhere safe to leave a bike • Vehicles dominating space • No sidewalks • Hills • Unsafe roads • Bikes lanes that do not connect • Hard to cross streets
--	---	--

Post-Workshop Feedback

One participant representing the Chambers-Clover Creek watershed followed up via email to provide additional feedback on the workshop. The feedback describes concern that the lack of effective coordination among various City, regional, and state stakeholders with different priorities will impact ability of the UWPP to improve to aquatic systems and address nonpoint pollution:

My assessment of the watershed management planning process was that the goal of “...the City is striving to ensure Tacoma’s WMP (watershed management plan) will reflect and incorporate the goals and priorities from a wide group of community stakeholders, City departments, and partner organizations throughout the Puyallup-White River and Chambers-Clover Creek Watersheds.” while lofty will not be attained.

We Chambers-Clover Creek watershed stakeholders can’t even agree amongst ourselves that our watershed’s wetlands, streams, and lakes are shallow aquifer groundwater discharge diminished/deprived, nonpoint nutrient polluted groundwater discharge fed and sediment fouled to the extend that they are unfit habitats for Coho salmon and our indigenous and immigrant people, much less agree on what to do about our watershed’s impaired condition

KEY TAKEAWAYS

Key takeaways are largely gleaned from survey responses and community workshop feedback.

- ▶ Tacoma residents are generally concerned with the impact that human activities and continued development has on Tacoma’s natural spaces and receiving waters like the Puget Sound. Both the survey and the workshop revealed that cleanliness of streams, ponds, lakes and beaches the most important priority for residents. Workshop participants found stormwater most problematic for its negative impact on marine life and groundwater quality.
- ▶ Generally, residents were most concerned about ecosystem impacts, including reduced biodiversity, lack of mature tree canopy, and degraded marine life. The most commonly cited link between healthy watersheds and healthy neighborhood were thriving wildlife and ecosystems. Residents felt that these elements possess an intrinsic value and also provide aesthetic, recreational, and mental health value.
- ▶ Residents stressed the importance around perseveration of green and natural spaces and strongly emphasized the need to slow the pace of development and the associated impacts. They advocated for stronger regulations around new development to both preserve natural spaces and to ensure Tacoma’s neighborhoods are affordable for all residents.

- ▶ Many residents expressed significant concern about litter and improper pet waste management, stressing the need for stronger actions from the City including building more dog parks, installing more dog waste stations, and emptying trash cans more often.
- ▶ Improved walkability and bikability was important for some residents, but it did not emerge as a top priority. However, improving road-related infrastructure (sidewalks and streets) did appear to be the most desirable neighborhood change amongst surveyed residents.
- ▶ Flooding does not appear to be a top priority or area of concern among participants.
- ▶ While watershed priorities varied between Tacoma's different watersheds and opportunity zones, the most sites of concern or in need of improvement were identified in Tacoma's low and very low opportunity zones. Similarly, the highest levels of dissatisfaction were from residents of watersheds in predominantly moderate, low, or very low opportunity zones including Foss Waterway, Lower Puyallup, and to a lesser extent Flett Creek. This suggests a need to prioritize these areas for further engagement and implementation of solutions.

RECOMMENDATIONS

The following recommendations are geared towards increasing engagement with underrepresented groups including the Latinx/Hispanic and Spanish-speaking communities:

- ▶ Transcreate the survey into Spanish.
- ▶ Hire or partner with Spanish speaking outreach staff to provide in-language outreach to the Latinx/Hispanic community.
- ▶ Identify additional Latinx/Hispanic and Spanish-speaking community groups and organizations to help identify existing events, meetings, and opportunities to engage the community.
- ▶ Identify and partner with trusted community advocates to share and promote watershed planning information and engagement opportunities.
- ▶ Identify and partner with popular and trusted media outlets utilized by the Latinx/Hispanic community in Tacoma (e.g., local TV and radio)
- ▶ Reimburse participants for participation in focus groups.
- ▶ Identify prevalent "Asian and Pacific Island Languages," which represent 7.5 percent of languages spoken in Tacoma, and transcreate project collateral.

APPENDIX A: TACOMA WATERSHED PUBLIC ENGAGEMENT PLAN

Overview of Public Engagement Plan

Background

The City of Tacoma's (City) Environmental Services Department (ES) is a regional leader in stormwater management including pollution source control inspections, green stormwater infrastructure projects, and stormwater quality monitoring. This work supports healthy neighborhoods and a thriving Puget Sound, resulting in a more livable Tacoma for everybody. The City recognizes the importance of partnering with key stakeholders and community members to develop a Watershed Management Plan (WMP)⁶ that meets the diverse needs of Tacoma's sub-watersheds and the neighborhoods within them. As a part of this work, ES plans to implement an equitable engagement plan in accordance with Resolution 40622.

All stormwater in the City drains to two regional watersheds: the Puyallup-White River Watershed and the Chambers-Clover Creek Watershed. Within Tacoma, these watersheds are divided into nine sub-watersheds draining to local receiving waters, each with a unique history, challenges, and opportunities for improvement. These sub-watersheds are as follows: North Tacoma; Foss Waterway; Lower Puyallup; Tideflats; Northeast Tacoma; Western Slopes; Leach Creek; Flett Creek; and Joe's Creek. The WMP will capture the distinct challenges and opportunities facing the neighborhoods within the sub-watersheds as each neighborhood has different levels of stormwater system service, access to opportunity, and community needs as well as different threats to the water quality of local waterways, and different opportunities for watershed improvements.

The WMP will describe the most effective stormwater actions and projects at the most important locations across sub-watersheds, prioritizing solutions that simultaneously address community needs and watershed health. It will provide a flexible framework that can be updated over time to reflect new pollution hotspots, community priorities, future development and housing needs, and anticipated climate change impacts. The WMP will also set standards for tracking and reporting progress toward the City's stormwater management priorities (see goals listed in the key messages) and will aim to align watershed priorities with the projects, programs, and policies of other City departments as well as across jurisdictional boundaries with neighboring municipalities in the watersheds. Much of this work will be done through the development of a new watershed prioritization tool, which will combine existing regional data layers with stormwater performance estimates and a decision support framework. Development of this tool, especially the decision support framework, will be informed by input from stakeholders and community members.

The overarching goal of the WMP is to prioritize stormwater management activities to protect and restore natural systems throughout the watershed that align with community needs and accommodate future growth. Due to the broad-scale nature of watershed planning, the city is striving to ensure Tacoma's WMP will reflect and incorporate the goals and priorities from a wide group of community stakeholders, City

⁶ The City of Tacoma will solicit public input on the final name for the Watershed Management Plan during Phase One of this public engagement effort. This document uses general title of Watershed Management Plan (WMP) throughout but title will be updated the reference once a final name has been selected through public engagement process.

departments, and partner organizations throughout the Puyallup-White River and Chambers-Clover Creek Watersheds. We will especially be seeking input from overburdened community groups living in Tacoma. Overburdened communities are defined by the EPA as:

minority, low-income, tribal, or indigenous populations or geographic locations in Washington State that potentially experience **disproportionate environmental harms and risks**. This disproportionality can be as a result of **greater vulnerability to environmental hazards, lack of opportunity for public participation**, or other factors. Increased vulnerability may be attributable to an **accumulation of negative or lack of positive environmental, health, economic, or social conditions** within these populations or places. The term describes situations where multiple factors, including both environmental and socio-economic stressors, may act cumulatively to affect health and the environment and contribute to **persistent environmental health disparities**.

Thus, community engagement is essential in developing and implementing a successful WMP. This Public Engagement Plan (PEP) **provides a strategic framework for engaging with key partners, stakeholders, and the public in the watershed management planning process**. The PEP outlines the goals and objectives of public engagement, community demographics, key messages, and strategic engagement strategies to engage and communicate with a diversity of audiences and partners. The Key Engagement Strategies section of the PEP is divided into two Phases. Phase One will focus on city-wide strategies and tactics that identify community priorities across the sub-watersheds to help determine future stormwater investments. Phase Two will provide a template to be completed at a later date that will focus on strategies and tactics to support neighborhood-specific outreach during options analysis. Cascadia Consulting Group (CCG) will work with the City to implement this PEP.

Equitable Public Engagement

The Watershed Planning team is committed to leading the department toward increased community involvement with historically underserved groups and putting equity at the center of program development and service delivery, including the development of the WMP. Community members, especially historically marginalized groups in Tacoma, have explicitly expressed the need for active, transparent, early, and thorough participation during City-led public engagement processes. Tacoma City Council has acknowledged the disparate impacts of systematic racism by passing Resolution No. 40622 in June 2020. This resolution affirms the City Council's dedication and commitment to comprehensive and sustained transformation of all institutions, systems, policies, practices, and contracts impacted by systemic racism. With the resolution, the City is launching a comprehensive transformation process that will establish new practices based on community and expert opinion as well as past reform efforts, centering the voices of those most impacted by systemic racism. Each department has developed a Racial Equity Action Plan (REAP) which calls out measurable steps toward achieving Citywide equity goals including "Purposeful Community Outreach and Engagement" and "Equitable Service Delivery."

The WMP Public Engagement Plan is being developed within this context and to meet the anti-racist transformation goals of the City. The WMP engagement process will build on pertinent feedback already shared from previous community surveys related to stormwater and watershed management as summarized in Appendix A.

The City will be engaging the public at key project milestones to:

- Identify community priorities and preferences,
- Gather input on proposed stormwater actions and projects to ensure that community needs, goals, and preferences are reflected, and
- Understand how community input shapes the final product.

We will do this by using a series of outreach tools that will be designed to reach diverse community members using best practices that center key engagement themes of access and transparency, equity, community support, trust, and relationship-building. These materials include but are not limited to an online open house, flyers, community workshops, briefings at external stakeholder meetings, e-newsletters, and direct outreach to key stakeholders. ES customer communication tools include billing inserts, environews listserv, EnviroTalk quarterly magazine to single family residents, and TV Tacoma programming (Urban Green, Tacoma Report, etc.)

The PEP is a living document intended to guide the project team through the engagement process.

Project team

Project Managers:	Shauna Hansen (City of Tacoma), Christian Nilsen (Geosyntec)
Additional City Staff:	Laura Nokes (Watershed Plan Project Manager), Merita Trohimovich (Stormwater Management Program), Desiree Radice (Open Space Management Program), Mike Carey (Urban Forestry Management Program), Teresa Peterson (Wastewater Comprehensive Plan)
Outreach support:	Gretchen Muller (CCG), Signe Lindquist (CCG)

Key Messages

MESSAGING FOR EXTERNAL AUDIENCES:

Why should I participate in this process?

- This is an ongoing opportunity to **tell us about stormwater and watershed issues that you notice in your area of town**. Your input will help us hone in on which broadly identified community and environmental health priorities we've heard from previous community feedback are most critical to your neighborhood.
- By participating, you have an opportunity to help **guide the development of the City's stormwater actions and project investments** on the ground.
- We would like to learn more about how you see watershed planning overlapping with the goals and priorities of you and your family, so that we can work together to build community health, economic recovery, and stormwater management solutions.
- The WMP is not just a guidance document; by participating, **you have influence over solutions for the whole Tacoma community**, including millions of dollars of public investments in stormwater solutions, incentive programs for individual actions, and business assistance opportunities over the next 5-10 years.
- We are also in a time where we are addressing **multiple global issues** such as climate change, racial injustice, and the economic recovery from the COVID-19 pandemic. Given the City's limited resources and many pressing community needs, your input helps us invest stormwater dollars to support the community's shared priorities (such as providing cooler, shadier, walkable streets and access to nearby nature) as well as clean water and healthy habitat in our lakes, streams, and Puget Sound to result in **win-win strategies**.

How will my input be used?

- Public input will be an **essential part of the watershed planning process**. We will listen to everybody's input including the public, City staff, City leaders, and partners throughout the planning process.
- This public engagement strategy **will inform a WMP** that is part of an ongoing, iterative planning process that will evolve and grow over time. Actions or issues that cannot be addressed through this planning process will be communicated to relevant City departments and decision-makers for further consideration.
- Input received during WMP development **will help the City to better align watershed priorities** with the programs, plans, and policies of other City departments. The City will use your input to **identify potential co-benefits of stormwater and watershed management actions** that also address the key community needs identified by you and your neighbors during the WMP public engagement process. Co-benefits may include community cohesion, positive mental health impacts, walkability, shade, lower temperatures, less urban flooding, cleaner streets, water conservation, more swimmable beaches, urban wildlife, and access to nearby nature and medicinal plants.

What is the WMP?

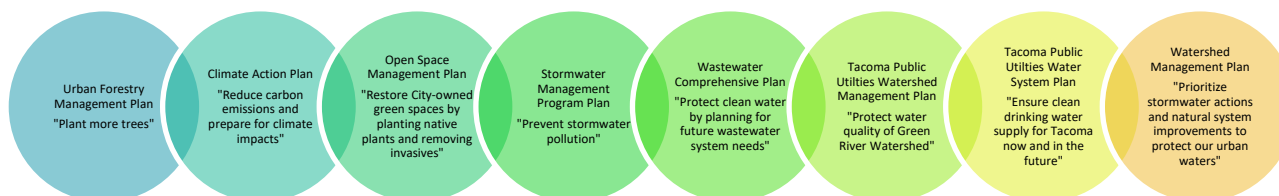
- A **WMP is a plan that identifies issues and threats to clean water and healthy habitat** and develops a framework to address them within a specific watershed. It **prioritizes stormwater management activities to align with community needs** and accommodate future growth while protecting and restoring natural systems throughout the watershed.
- The WMP will **provide a flexible framework that can be updated over time to respond to new pollution hotspots, community priorities, future development and housing needs, and anticipated climate change impacts**. The WMP will also set standards for tracking and reporting progress toward the City's stormwater management priorities listed in Tacoma's Stormwater Management Program Plan as well as priorities identified through this watershed planning process.
- This is the City's first WMP. We are **using this opportunity to better align watershed priorities with the programs and policies of other City departments**. Additionally, we are looking to identify opportunities to collaborate with internal departments as well as outside partners (such as neighboring jurisdictions and community groups) on stormwater management projects and programs. This plan will help us achieve our goal to support healthy neighborhoods and a thriving Puget Sound, leaving a better Tacoma for all.

What are the WMP goals and priorities?

- **Clean Water and Healthy Ecosystems:** Strategically select stormwater management investments to minimize impacts of stormwater runoff on critical urban waters⁷ to protect and restore clean water and ecosystem function.
- **Healthy Neighborhoods:** Focus on stormwater solutions that will address needs identified by the community and eliminate disparities in stormwater service and access to green space caused by historic lack of investment.
- **Resilient Community:** Invest now in stormwater system improvements to meet the future needs of population growth, affordable housing, and climate change.
- **Equity and Environmental Justice:** Commit to transparent and clear communication. Listen to and prioritize community needs.
- **Fiscal Responsibility (or Smart Government Spending):** Choose cost-effective stormwater management actions to achieve the greatest environmental and community benefits.

⁷ Urban waters include our streams, lakes, wetlands, bays, and the Puget Sound.

How does the WMP compare to Tacoma's other environmental protection plans?



Where am I in the watershed?

- The City will be conducting a participatory mapping exercise that will allow residents to comment on different areas throughout Tacoma, addressing the following questions:
 - Where are pollution or stormwater concerns on your street/in your neighborhood?
 - Are there any impacts to natural areas next to your home or business?
 - What do you value about your place in the watershed?
 - Where are flooding/overflow issues?
 - Where do we need more trees?
- The following functionalities will be built into the participatory map:
 - Name of sub-watersheds (and main receiving water).
 - Main water bodies and green spaces in each of 9 sub-watershed basins.
 - Descriptions of common water quality threats in each of the 9 sub-watershed basins.

MESSAGING FOR INTERNAL AUDIENCES:

How does the WMP address the City Council community priorities (Equity Index indicators)?

- The table below describes community priorities that we identified through brainstorming exercises with the Equity Toolkit Analysis team. These will be used as a basis for further conversations with City staff and partner organizations.

Livability Social Determinant Category	Economy Social Determinant Category	Education Social Determinant Category	Accessibility Social Determinant Category	Environmental Health Indicators
Nuisance/Neighborhood Quality Index	Employment Index	Highest Educational Attainment	Parks & Open Space	NOx- Diesel Emissions (Annual Tons/Km2)
Median Home Value for Owner Occupied Units	Unemployment Rate	<i>Choose an Indicator.</i>	Transportation Access	Ozone Concentration

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Urban Tree Canopy	<i>Choose an Indicator.</i>	<i>Choose an Indicator.</i>	Road Condition	PM2.5 Concentration
Life Expectancy	<i>Choose an Indicator.</i>	<i>Choose an Indicator.</i>	<i>Choose an Indicator.</i>	Populations Near Heavy Traffic Roadways

Livability:

- Reduce nuisance due to flooding issues.
- Adding green infrastructure to neighborhoods could increase home values but also need to support green jobs and affordable housing to combat gentrification.
- Improve urban tree canopy by adding trees for stormwater management.
- Addressing homeless encampment garbage near streams and holding ponds helps keep neighborhoods and receiving waters cleaner. We are offering purple bags and temporary garbage service at encampments to collect and properly dispose of garbage.
- Crime: Getting communities involved greening their neighborhood through planting trees, building rain gardens, and other natural landscaping projects could help reduce the crime rate as well as improve stormwater quality.

Economy:

- Helping to make business districts more attractive with stormwater projects that include art/trees/green infrastructure could help businesses in this area and increase employment.
- Need to plan stormwater green infrastructure projects with parking and business customer impacts in mind.
- We can invest in MWBE contractors and consultants to design and build green infrastructure projects.

Education:

- Studies show that students do better or perform better if they live in or go to school in green environments.
- Teaching kids about clean water, stormwater, rain gardens, and impact of actions on water quality.
- Opportunities for planting rain gardens at schools get students more excited about science and builds interest in STEM fields within young age groups.

Accessibility

- Maintenance of Passive Open Space areas for access to “nearby nature” is paid for by stormwater rates.
- Road condition can be improved through permeable pavement street projects.
- Encouraging multi-modal transit reduces pollution in street runoff that is toxic to fish (e.g. tire chemicals).

Environmental Health

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

- Air quality is improved and the heat island effect is reduced where trees are planted as part of a stormwater management project or where trees are protected in passive open space properties illustrating the important co-benefits of stormwater management investments.

Goals and Objectives

Vision: Develop a PEP that engages the Tacoma community (including overburdened communities) for the WMP so that it reflects the goals, needs and priorities of Tacoma's most impacted community groups.	
Goal A	<p>Educate, empower, and energize the community members in Tacoma to cultivate a shared understanding of stormwater and watersheds.</p> <p>Objective 1: Equip community members with a baseline level of knowledge of concepts and terms about stormwater, water quality and watersheds. Build awareness about what stormwater rates pay for.</p> <p>Objective 2: Build awareness around community co-benefits of stormwater management and stormwater rate investments, the watershed planning process, and how they support community wellbeing, social justice, and environmental health.</p> <p>Objective 3: Identify opportunities for community members to participate in building greener and more resilient neighborhoods through activities on their properties such as depave, rain gardens, downspout disconnects, planting trees, planting native plants, building healthy soils, and identifying potential projects for partnerships.</p>
Goal B	<p>Gather community perspectives and feedback on the biggest priorities for watershed health in various areas of the City to inform WMP development and guide decision-making.</p> <p>Objective 1: Reduce barriers to participation and use relevant, in-language messaging to meet different audiences across ages, industries, cultures, and locations.</p> <p>Objective 2: Ensure multiple opportunities to provide input that are accessible and equitable to community members across demographic indicators such as gender, age, race, ethnicity, income, and geographic location.</p> <p>Objective 3: Identify implementation partners for Phase Two to serve as trusted community messengers and provide specific feedback on priority actions located in their neighborhood.</p>
Goal C	<p>Build community-wide support for advancing stormwater management priorities and implementing the most effective stormwater actions and projects at the most important locations.</p> <p>Objective 1: Learn what types of actions and projects the community feels are most likely to succeed and things they would like to have a role in.</p> <p>Objective 2: Build support for and identify new actions and projects to include in the WMP that help achieve community goals.</p>
Goal D	<p>Clearly communicate the overall engagement process and existing community feedback gathered to date to demonstrate the long-term, comprehensive engagement approach and provide context for engaging later in the process.</p> <p>Objective 1: Ensure the residents of Tacoma are aware of where and when public input is available and have access to information and resources to participate.</p> <p>Objective 2: Be transparent about how community input is being used and how input will guide the WMP process.</p>
Goal E	<p>Gather public participation regarding the Stormwater Management Program Plan development, update, and implementation.</p> <p>Objective 1: Communicate to a wider audience what the SWMP is and how people can be involved.</p> <p>Objective 2: Educate community members on pollution reporting options.</p> <p>Objective 3: Identify potential partners/allies to share information to their social networks about Tacoma's SWMP.</p>

Public outreach

Key Engagement Themes:

- **Education & Awareness** – ensure the community has access to information and resources to participate and provide input.
- **Access & Transparency** – the community knows when and how they can participate in the stormwater management process.
- **Equity** – intentional efforts are taken to engage historically underrepresented communities in a meaningful way.
- **Support** – the community feels respected and heard.
- **Trust** – the community understands how their input and participation shapes the final product.
- **Build relationships** – for ongoing assistance with watershed goals/actions.

Anticipated Concerns:

- The COVID-19 pandemic has significantly altered our ability to interact with the public.
- Technology and accessibility will limit who is able to participate.
- Historic inequitable City policies and practices including redlining, underinvestment in public improvements and infrastructure in the South and Eastside, and the lack of broadly accessible engagement opportunities will influence who is willing to hear our message and participate in the process.
- There are many parallel City and County-led engagement efforts around environmental topics that compete for engagement attention and time this year.
- Many community members do not understand what we mean by “watershed management.”
- Many community members do not understand what stormwater utility rates are paying for and do not want to pay because they do not see the value (watershed planning is funded by stormwater utility rates).

Crosswalk of engagement themes and goals

Goal	Key Engagement Themes
Educate, empower, and energize the residents of Tacoma to cultivate a shared understanding of stormwater management.	<p>Access & Transparency: The community knows when and how they can participate in the WMP process.</p> <p>Education & Awareness: Ensure the community has access to information and resources to participate and provide input.</p> <p>Equity: Intentional efforts are taken to engage historically underrepresented communities in a meaningful way.</p>
Gather community preferences and feedback that is representative of the makeup of the City of Tacoma to inform WMP development and guide decision-making.	<p>Access & Transparency: The community knows when and how they can participate in the WMP process.</p> <p>Equity: Intentional efforts are taken to engage historically underrepresented communities in a meaningful way.</p> <p>Support: The community feels respected and heard.</p>
Build community-wide buy-in for the WMP process and implementation strategies.	<p>Equity: Intentional efforts are taken to engage historically underrepresented communities in a meaningful way.</p> <p>Support: The community feels respected and heard.</p> <p>Trust: The community understands how their input and participation shapes the final product.</p>
Clearly communicate the overall engagement process and results to date, to demonstrate the long term, comprehensive engagement approach and provide context for engaging later in the process.	<p>Access & Transparency: The community knows when and how they can participate in the WMP process.</p> <p>Support: The community feels respected and heard.</p> <p>Trust: the community understands how their input and participation shapes the final product.</p>
Gather public participation related to the Stormwater Management Program (SWMP) development and updates.	<p>Access & Transparency: The community knows when and how they can participate in the SWMP process.</p> <p>Education & Awareness: Ensure the community has access to information and resources to participate and provide meaningful input.</p> <p>Support: The community feels respected and heard.</p> <p>Trust: The community understands how their input and participation shapes the final product.</p>

Key Audiences and Partners

Tacoma Community Context

The City of Tacoma is a growing, thriving, and diverse city that is rising to meet the challenge of ensuring a sustainable, vibrant community for all its residents. The City hopes to engage residents of all backgrounds with relevant messaging and messengers. Specifically, the goal is participation across diverse socio-economic, geographic, occupational, racial, and ethnic backgrounds representative of demographics in Tacoma. We will check in throughout the project to examine our progress towards this goal and can adjust outreach strategies as needed to ensure that we are on track to meet it.

If the proposed outreach strategies do not result in these levels of responsiveness, the team will consult with community members to reassess strategies and identify additional outreach strategies and efforts needed to meet the desired response rates.

According to the [U.S. Census Bureau](#)⁸, the City of Tacoma has an estimated population of approximately 217,834 persons in 2019. Other recent demographics⁹ are summarized as follows, based on 2018 5-year estimates:

Age	
Under 5 years	5.8%
5-19 years	18.6%
20-44 years	39.1%
45-64 years	23.3%
65 and over	13%
Residents' Place of Birth	
U.S.	87.3%
Born outside the U.S.*	12.7%
• Asia*	~46.4%
• Europe*	~17.3%
• Latin America*	~26.6%
• Africa	~5.8%
<i>*Regardless of citizenship status</i>	
Housing Types	
Own	52.0%
Rent	48.0%

Race ¹⁰	
White alone	63.7%
American Indian and Alaska Native	1.8%
Asian alone	6.2%
Black or African American alone	11.5%
Native Hawaiian and Other Pacific Islander	1.0%
Other race alone	5.3%
Two or more races	10.4%
Hispanic or Latino of any race ¹¹	12.8%

Languages Spoken	
English only	81.2%
Asian and Pacific Island languages	7.5%
Other Indo-European languages	3.4%
Spanish	6.9%
Other	1%

⁸ The linked summary page is reflective of 2018 demographic information.

⁹ The information in these tables reflects 2019 data taken from individual US Census Bureau tables.

¹⁰ Race categories reflect US Census Bureau labels. Find more information about category definitions [here](#). These categories add up to 99.9%, with the final 0.1% being attributed to the Census' rounding practices.

¹¹ The US Census Bureau denotes "Hispanic or Latino of any race" as a separate category, as people who identify as Hispanic or Latino are also counted under one of the other race categories. Feedback from members of Latinos Unidos South Sound from a June 2021 Climate Justice Plan community workshop noted that census data is likely an underestimation for Tacoma. This racial group is one of the youngest and fastest growing minority groups in Tacoma and more likely nearer to 20% of current population.

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Tacoma Neighborhood Breakdown

	<i>South End</i>	<i>West End</i>	<i>Eastside-ENACT</i>	<i>South Tacoma</i>	<i>North End</i>	<i>Central</i>	<i>NE Tacoma</i>	<i>New Tacoma</i>
Population								
Total	39.75k	29.73k	28.87k	24.70k	24.54k	20.55k	16.85k	13.70k
Race¹²								
White	50.6%	73.5%	41.7%	50.9%	85.3%	60.6%	63.6%	58.7%
Hispanic	11.5%	6.6%	19.5%	11.9%	5.5%	10.8%	8.2%	13.4%
Black	10.4%	7.8%	12.0%	18.0%	1.6%	14.3%	5.8%	10.4%
Asian	14.3%	6.2%	13.7%	6.6%	3.3%	4.8%	14.0%	8.4%
Mixed	9.6%	5.0%	8.1%	9.9%	4.0%	7.7%	6.6%	7.5%
Other	3.6%	0.9%	5.0%	2.8%	0.3%	1.9%	1.9%	1.6%
Place of birth								
U.S.	79.8%	87.8%	77.9%	84.2%	93.9%	89.9%	81.5%	83.0%
Outside of U.S.	20.2%	12.2%	22.1%	15.8%	6.1%	10.1%	18.5%	17.0%
<i>Asia</i>	65.1%	39.0%	47.5%	38.1%	36.9%	34.8%	55.0%	33.5%
<i>Europe</i>	12.4%	39.4%	12.5%	20.2%	32.1%	16.1%	21.6%	9.3%
<i>Latin America</i>	17.9%	15.3%	37.5%	36.7%	30.9%	41.3%	19.1%	54.6%
<i>Africa</i>	3.1%	4.9%	1.5%	2.7%	0.0%	7.4%	2.7%	1.7%
Age								
Under 5	6.8%	5.0%	8.0%	7.8%	4.71%	7.9%	6.0%	2.6%
5-19	19.0%	14.4%	20.4%	16.4%	17.2%	16.7%	19.2%	9.4%
20-44	53.2%	30.0%	39.0%	42.7%	38.2%	39.4%	38.5%	52.1%
45-64	27.3%	27.7%	22.1%	23.1%	27.5%	24.7%	30.9%	24.4%
65+	12.3%	22.9%	10.5%	10.0%	12.4%	11.2%	12.3%	11.5%
Equity rating (as shown by the Tacoma Equity Map)								
Rating	Moderate to very low	Very high to high	Moderate to very low	Moderate to very low	Very high to high	High to very low	Very high to high (N side) to very low (S side)	Very low

¹² Several race categories were combined for brevity and clarity by the Statistical Atlas into mutually exclusive and exhaustive categories. They are defined as follows: **White:** non-Hispanic whites; **Hispanic:** Hispanics, excluding black and Asian Hispanics; **Black:** blacks, including Hispanic blacks; **Asian:** Asians, including Hispanic Asians; **Mixed:** non-Hispanic mixed race people; **Other:** American Indians and other groups not otherwise categorized. Though US Census does not recognize neighborhoods, the Statistical Atlas take Census demographic data and breaks it down by neighborhood and individual blocks. For more information on the Statistical Atlas and their data mapping methods, please visit their site [here](#).

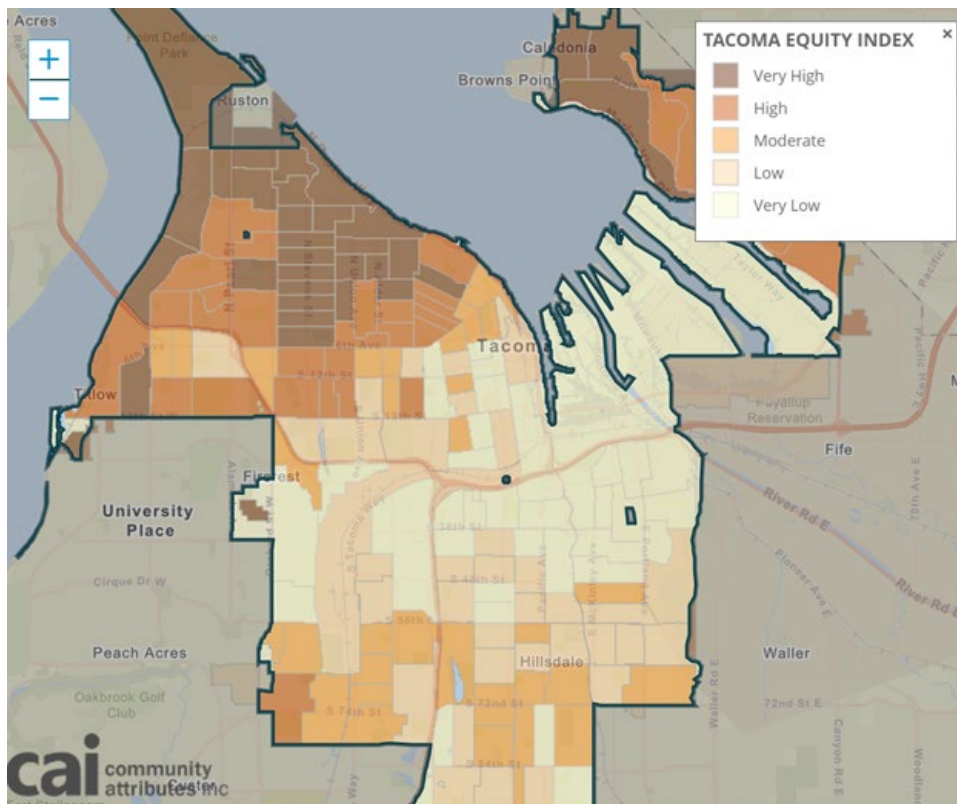
Language needs

Project materials and information may be provided in non-English languages. The project team will monitor the communities that we work with to determine whether a translation need is apparent.

Outreach collateral may be translated into any of the six most widely used languages in Tacoma: Spanish, Korean, Russian, Khmer, Tagalog and Vietnamese. Materials in other languages can be made available upon request, and the team may also choose to utilize auto translate services for the survey and other materials published online.

Equity Index Map

Below is a map that shows the Tacoma Equity Index based on the different census tracts. Using data from the US Census Bureau, the Tacoma Equity Index looks at 29 indicators in livability, accessibility, economy, education, and environmental health to determine what areas of Tacoma are less likely have access to adequate community services. Darker areas are areas that have more opportunity and lighter areas are those with less opportunity.



Key Audiences

The following list includes key audiences to engage regarding the watershed prioritization development process. This list will serve as a guide during outreach.

Levels of Engagement

1) Inform	2) Consult	3) Involve	4) Collaborate
Educate members of the group about the rationale for the project or decision; how it fits with City goals and policies; issues being considered; areas of choice or where input is needed.	Gather information and ask for feedback from groups to better inform the City's work on the project.	Work directly and consistently with groups to ensure their concerns are understood and considered in the City's planning process.	Create a partnership to work along with groups and give them meaningful ownership over developing and implementing the planning process or project.
Activities			
<ul style="list-style-type: none"> • Project website • Social Media • Emails/newsletters/mailings • Open houses/community meetings • Presentations • Factsheets 	<ul style="list-style-type: none"> • Online survey/polls • Public comment 	<ul style="list-style-type: none"> • Interactive workshops • Community forums 	<ul style="list-style-type: none"> • Advisory committees • MOUs with community-based organizations

Internal Audiences

Audience & Description	Groups	Engagement Goal
City Leadership <i>City leaders who make decisions that drive investment and policy</i>	<ul style="list-style-type: none"> • City Council • City Manager • ES Upper Management 	Consult and update for decision-making. Strategies: Present status updates to Infrastructure, Planning and Sustainability (IPS) Council Subcommittee. IPS Subcommittee to recommend final plan approval by City Council through Council Resolution.
Interdisciplinary Core Team <i>City staff who are responsible for programs that could benefit from watershed planning collaboration or provide valuable perspectives to the WMP</i>	<ul style="list-style-type: none"> • Department heads and staff, specifically: • ES Open Space Management • Critical Areas Preservation Ordinance and Permitting Regulations • GIS Data Analysis • Urban Forestry Program and Management Plan • Asset Management and Criticality Analysis 	Consult and collaborate to gather feedback on potential strategies, align with priorities and processes, and identify opportunities for mutual support.

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

	<ul style="list-style-type: none"> • NPDES Phase I Permit Manager and Stormwater Manual Design Requirements • Long-range Planning • ES Environmental Compliance and Business Inspections • Storm System Operation and Maintenance • TPU- Wellhead Protection Program 	Strategies: Workshops with key members (early 2021). Additional consultation of small groups throughout tool development.
Guides and Analysts <i>City commission/committee members whose support and direction are important for community engagement, watershed strategy development, and implementation</i>	<ul style="list-style-type: none"> • Environmental Services Commission • Sustainable Tacoma Commission • Commission on Immigrant and Refugee Affairs • Mayor's Youth Commission of Tacoma • Tacoma Area Commission on Disabilities • Transportation Commission/Bicycle Pedestrian Tech Advisory Group 	Inform and involve , as appropriate, to gather feedback on engagement opportunities and strategies. Strategies: Offer to present a monthly meeting agenda if commission members are interested.

External Audiences

Audience & Description	Groups	Engagement Goal
Governments	<ul style="list-style-type: none"> • Puyallup Tribe Fisheries • Puyallup Tribe Sustainability Work Group • Puyallup Tribe Land Use Planning • Muckleshoot Tribe Fisheries 	Consult to gather feedback on potential strategies, align with priorities and processes, and receive expert advice and traditional place-based knowledges. Strategies: Initial group meeting followed by additional email/meeting correspondence on issues of tribal interest. Tribal Staff will determine whether to bring before their Tribal Council.
Advocates/Partners <i>Very supportive of watershed action and willing to put in effort to support watershed protection and restoration efforts</i>	<ul style="list-style-type: none"> • 350 Tacoma • Sunrise Tacoma • First Creek Neighbors • Wapato Creek Neighbors • Leach Creek Neighbors • Swan Creek Cleanup Group 	Inform and consult with to gather feedback in developing strategies and getting the word out on engagement opportunities.

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

	<ul style="list-style-type: none"> • Swan Creek Food Forest • Tahoma Audubon Society • Stewardship Partners • Stream Team Volunteers • Pet Waste Station Sponsors • Adopt a drain sponsors • Adopt a spot sponsors • LitterFree253 volunteers • Green Tacoma Day volunteers • Open Space Site Stewards • Tacoma CREATES Science Community Organizations 	<p>Strategies: Introductory email to invite to participate in online open house and survey. Follow-up option to sign up for regular e-newsletter check-ins throughout the process.</p>
<p>Community Groups and Critical Perspectives <i>Groups frequently not reached during public processes but critical to reach</i></p>	<ul style="list-style-type: none"> • TPCHD East Tacoma Collaborative • TPCHD South End Community of Focus • Centro Latino • Latinos Unidos South Sound • VT Radio • Juan Hour Show (radio) • Hilltop Action Coalition • APCC • Korean Women's Association • Lincoln Business District • Black Collective • Tacoma Urban League • NAACP Education and Outreach • Black Star Farmers: Black and Indigenous protest farm • Black Women's Caucus of WA state, Tacoma Chapter • Commission on African American Affairs • Pierce Co. Community Engagement Task Force (Tamar Jackson) – quality of life, equity, neighborhood improvements (food, housing, employment) • Tacoma Housing Authority • Summer school students (Envirochallenger classes) 	<p>Inform and consult or involve and update for watershed WMP development and foster participation.</p> <p>Strategies: Ask to attend external stakeholder meetings and present a brief overview if they indicate interest. Follow up email to invite to workshop and participate in online open house and survey. Follow-up option to sign up for regular e-newsletter check-ins throughout the process.</p>
<p>Businesses and Property developers <i>Business operations affected by stormwater management decisions</i></p>	<ul style="list-style-type: none"> • Businesses • Tacoma Chamber of Commerce • Tacoma Downtown Business Improvement District • Tacoma Downtown Alliance • Business Districts • Master Builders' Association • Metropolitan Development Council 	<p>Inform and consult to gather feedback.</p> <p>Strategies: Ask to attend external stakeholder meetings and present a brief overview if they indicate interest.</p>

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

	<ul style="list-style-type: none"> NW Eco Building Guild for business organizations 	Follow-up email to invite to participate in online open house and survey. Follow-up option to sign up for regular e-newsletter check-ins throughout the process.
Implementation Partners <i>Conduct operations that affect the success of public engagement and watershed strategy implementation</i>	<ul style="list-style-type: none"> Port of Tacoma UWT/UPS/TCC/Bates Tech/Clover Park Tech Pierce County Planning Staff WA Stormwater Center Staff (help with getting out communications to other municipalities) Puyallup River Watershed Council Puyallup White River LIO Ecosystem Recovery Plan work group Chamber Clover Watershed Council Neighboring Jurisdictions Stormwater Staff/NPDES Phase II South Sound Coordinators Group Pierce Conservation District Water Quality Program Puyallup Watershed Initiative Citizens for a Healthy Bay Tacoma Pierce County Health Department Metro Parks Tacoma Public Schools Environmental Services EnviroChallenger Classroom Educators (Internal contacts with schools) Tacoma Public Utility Environmental Educators (Internal contacts with schools) Washington Environmental Council (Orcas Love Rain Gardens Program Partner) The Nature Conservancy (Residential Stormwater Community of Interest Partner) Trust for Public Lands (Green Schoolyards Program Partner) Puyallup Tribe Sustainability Group (help with getting out communications to tribal members) Regulatory agencies: WA Department of Ecology, WA Department of Fish and Wildlife, EPA, etc. 	<p>Inform and involve in identifying new strategies.</p> <p>Strategies: Introductory email to invite to workshop and participate in online open house and survey. Regularly attend external stakeholder meetings for Watershed Councils and Phase II South Sound Coordinators group and present during partner updates. Follow-up option to sign up for regular e-newsletter check-ins throughout the process.</p>

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

<p>General Public <i>Watershed implementation affects day-to-day lives</i></p>	<ul style="list-style-type: none"> • ES Customers • Neighborhood Councils • Safe Streets leaders • Individual residents • 311 Stormwater Complaint Callers • Healthy Homes Healthy Neighborhoods Contacts 	<p>Inform throughout the process and consult on strategies and opportunities. Strategies: Introductory email to invite to participate in online open house and survey. Ask Neighborhood Councils and Safe Streets groups to attend their external stakeholder meetings and present a brief overview, if they indicate interest. Follow-up option to sign up for regular e-newsletter check-ins throughout the process.</p>
---	---	---

Puyallup river watershed council and the chambers clover watershed council

The Puyallup River and Chambers Clove watershed councils are standing organizations of community members facilitated by Pierce County Watershed Planning staff. These councils have been involved with the development of Pierce County basin plans and have action plans and annual work plans prioritizing actions in support of watershed health in WRIA 10 and WRIA 12 drainage basins.

Each watershed council has its own mission statement:

The mission of the Chambers-Clover Creek Watershed Council is to promote the protection and enhancement of the Chambers-Clover Creek Watershed. The council is committed to improving the health of the watershed by working to improve fish habitat, water quality and foster a sense of stewardship among watershed residents.

The Puyallup River Watershed Council's mission is to restore, protect and enhance the environmental, economic and cultural health of our watershed, from Mount Rainier to Commencement Bay. We are citizens and representatives of businesses, governments and other groups collaborating to achieve clean water, healthy habitats and thriving communities.

The watershed councils engage with interested community members through public education and outreach activities (such as Salmon Homecoming Celebration and Annual Watershed Forums) in addition to email listservs, Facebook, and quarterly newsletters. They also fund watershed small grant programs to support community engagement and volunteer activities led by community members.

Phase One: Key Engagement Strategies

Successful engagement requires tailored approaches to meet the variety of needs and priorities of key audiences and partners. We acknowledge that individuals and organizations within the key audience groups will vary in their understanding of watersheds, stormwater and water quality, and their level of support for planning. To that end, we will strategically use several core engagement strategies to connect with audiences around their priorities and concerns by meeting audiences where they are at.

Our approach is designed to engage a representation of the public across different audiences by reaching out to groups who are critical to implementing watershed and stormwater management strategies, will be most affected by watershed management actions, and/or are typically harder-to-reach populations.

Virtual and Remote Engagement

During the COVID-19 pandemic, virtual and remote engagement will be the primary means of engaging the broader community. Below are proposed strategies for virtual and remote engagement to reach key audiences and partners.

Community workshops

City staff will work to recruit community members for two virtual workshops. Both workshops will aim to include representatives from organizations that are listed in the “Implementation Partners”, “Guides and Analysts” (City Commissioners) audience groups, and representatives from historically underrepresented and overburdened communities that are listed in the “Community Groups and Critical Perspectives” audience group.

Cascadia will design and facilitate two 1-2-hour community workshops focused on providing background about Tacoma’s watersheds and reviewing community feedback (as previously submitted to the City) about community priorities in Tacoma. Depending on participant availability, we may offer two iterations of each meeting with different time options for those with alternative schedules. These workshops will ask for additional input on location-specific watershed concerns, values, and priorities and the plan title. Workshop participants from the Community Groups and Critical Perspectives key audiences may be reimbursed with gift cards for their participation per the City gift card reimbursement policy and procedures, once they become available.

Anticipated work products include:

- Workshop agendas and planning documents
- Workshop materials such as discussion guides, presentations, etc.
 - Provided translated materials, if necessary
- Two virtually hosted public workshops for community members
- Brief summaries of each workshop, with a focus on key input to the WMP
- Send direct, physical materials to key stakeholder groups, translated if necessary

Community workshops provide an opportunity to specifically gather critical voices to participate in the engagement process. Creating a space for representatives of key audiences who have not typically engaged in the WMP process ensures that we are hearing from all members of the community. Community workshops are a

great method to build meaningful, long-term relationships around watershed planning and stormwater management decisions.

Potential Communication tools include:

- Direct email invitation
- Environews listserv
- Utility bill inserts
- Watershed Council distribution lists
- Handouts to restoration site stewards or other stewardship volunteer events

External stakeholder meetings

We will collaborate with organizers of existing community events to inform residents of the WMP process, project goals, and upcoming opportunities to take part in the WMP process. By working with other City departments, City commissions, neighborhood councils, and advocacy and community groups, we can reach their networks to create targeted opportunities to participate in the WMP process.

Essential activities include:

- City staff will request if there is interest for a watershed management presentation at community meetings and if so, provide a brief overview of planning efforts and direct them to the online open house and survey. Additionally, the Community Groups and Critical Perspectives audience will also be invited to attend the second workshop.

Key audiences for this effort will include:

- **Businesses and Property developers** whose operations are affected by stormwater management decisions, as recommended by the City Community and Economic Development Department.
- **Guides and Analysts** –City commissions that indicate interest.
- **Community Groups and Critical Perspectives** – Residents that indicate interest.
- **Implementation Partners** – Watershed Councils and Phase II NPDES Permit Coordinators.
- **General Public** – Neighborhood Councils, Safe Streets Groups.

Online open house & survey

The online open house is a digital alternative to an in-person event to gather community input. The online open house platform will provide the opportunity to maintain a regularly updated platform for all to:

- Learn about the current progress of the WMP,
- Understand how each of the City's programs contribute to environmental protection in Tacoma,
- Engage with project materials/learn about opportunities for community involvement, and
- Provide feedback.

An online format also offers the opportunity to integrate into current [webpages](#) and increased accessibility and flexibility, as participants can engage over a longer time period.

Components for implementation of an online open house and one survey will primarily include:

- Maintaining the **Watershed Planning - City of Tacoma** website to provide up to date information on WMP status and project materials.
 - Develop translated materials of site contents.
 - Link to online open house and survey.
 - Link to comment map.
- Developing online survey to gather community feedback on draft WMP priorities.
- Developing online open house using Wix.

Additional opportunities, as budget allows, to provide the broader Tacoma community opportunities to provide feedback and engage during the WMP project could also include:

- Hosting an open house for members of the public to speak with project staff to learn about the project.
- Holding one-on-one phone meetings or conference calls and/or support presentations and focus groups with key staff to do deeper dives into strategies and measures.
- Sending direct, physical materials to key stakeholder groups, translated if necessary.
- Using alt-text for all online images.
- Ensuring information is available both online and through non-digital avenues, such as mobile displays, handouts, and posters.

To host the Online Open House, we suggest using Wix. Wix is an easily customizable website building platform that supports embedded SurveyMonkey surveys as well as its own polling application, has multilingual capabilities, and is accessible via mobile devices.

Communication tools include:

- Direct email invitation
- Environews listserv
- Utility bill inserts
- Watershed Council distribution lists
- Handouts to restoration site stewards or at other stewardship volunteer events

Outreach collateral

Cascadia will develop key communications and outreach collateral with project messaging to support the wide variety of engagement strategies and key audiences. The following materials will be provided to anyone participating in outreach and will all be available online. The graphics for these materials will include visuals that represent and speak to racially and ethnically diverse community members.

Notification options include:

- Modify existing factsheets to create a two-page factsheet about the WMP goals, planning process, and ways to participate in the process.
- PowerPoint for community events and briefings.

- One-page talking points hand out.
- Half-page handout for distribution (via email or hard copy at open space restoration events)
- Project website kept up to date on latest events and activities.
- Create an e-newsletter template for City staff to populate with content to keep interested parties up to date on new participation opportunities.
- Project inbox to directly answer questions.
- Create an online advertisement.
- Include translations text blocks in identified languages on all materials.

Roles

Cascadia	City of Tacoma
<ul style="list-style-type: none"> • Prepare for, attend, and present at 2 public workshops. Include facilitation training for staff if needed for break-out rooms. • Prepare and publish an online open house. • Develop outreach collateral materials. • Develop and deploy 1 survey. • Provide on-call engagement advice and support, particularly related to equitable engagement strategies. • Summarize data received in the survey and the workshops into a report which will guide the prioritization tool. • Manage overall project timeline and provide information needed to keep Public Engagement WMP on track. 	<ul style="list-style-type: none"> • Review all public engagement materials. • Attend 2 public workshops. • Update City websites with upcoming engagement opportunities. • Prepare for, attend, and present at 2 watershed council meetings. • Prepare for, present and take notes at external stakeholder meetings. • Promote through ES and City communications channels. • Serve as the point of contact.

Budget and Timeline

Budget

The table below describes how the public engagement budget will be spent and key assumptions about the responsibilities of City staff and the consultant team.

Engagement Approach	Frequency	Budget
Public Engagement WMP development	1	\$1,480
Online survey, online open house, and online/printed outreach collateral	1 <i>Consultant team to develop an online survey and open house, a two-page factsheet, a one-page talking points handout, a half-page handout for restoration events, a utility bill insert, a newsletter template, a PowerPoint template, and draft email template(s) for community outreach.</i>	\$20,290
Events and external stakeholder meetings	TBD <i>City leads planning and implementation of all briefings.</i>	Negligible
Public workshops	1 <i>Consultant team leads development of workshop agendas, facilitation of 2 virtual meetings (including planning, logistics, note-taking, and follow-up), and a summary of feedback received through the workshops.</i>	\$6,944
*Total		\$28,714

* Please note that the total budget for consultant team engagement support is \$33,850. Budget not included above is allocated to support project team coordination.

TACOMA URBAN WATERS PROTECTION PLAN

COMMUNITY ENGAGEMENT SUMMARY

Timeline

- ◆ denotes an internal presentation.
- ◇ denotes an external meeting or presentation.

Public Engagement Plan

Public Engagement Plan

Community workshops

1st community workshop

2nd community workshop

Events and external stakeholder meetings (ongoing)

Online open house and survey

Online open house

Survey

Outreach collateral

Factsheet, handouts, utility bill insert, and newsletter/PPT templates.

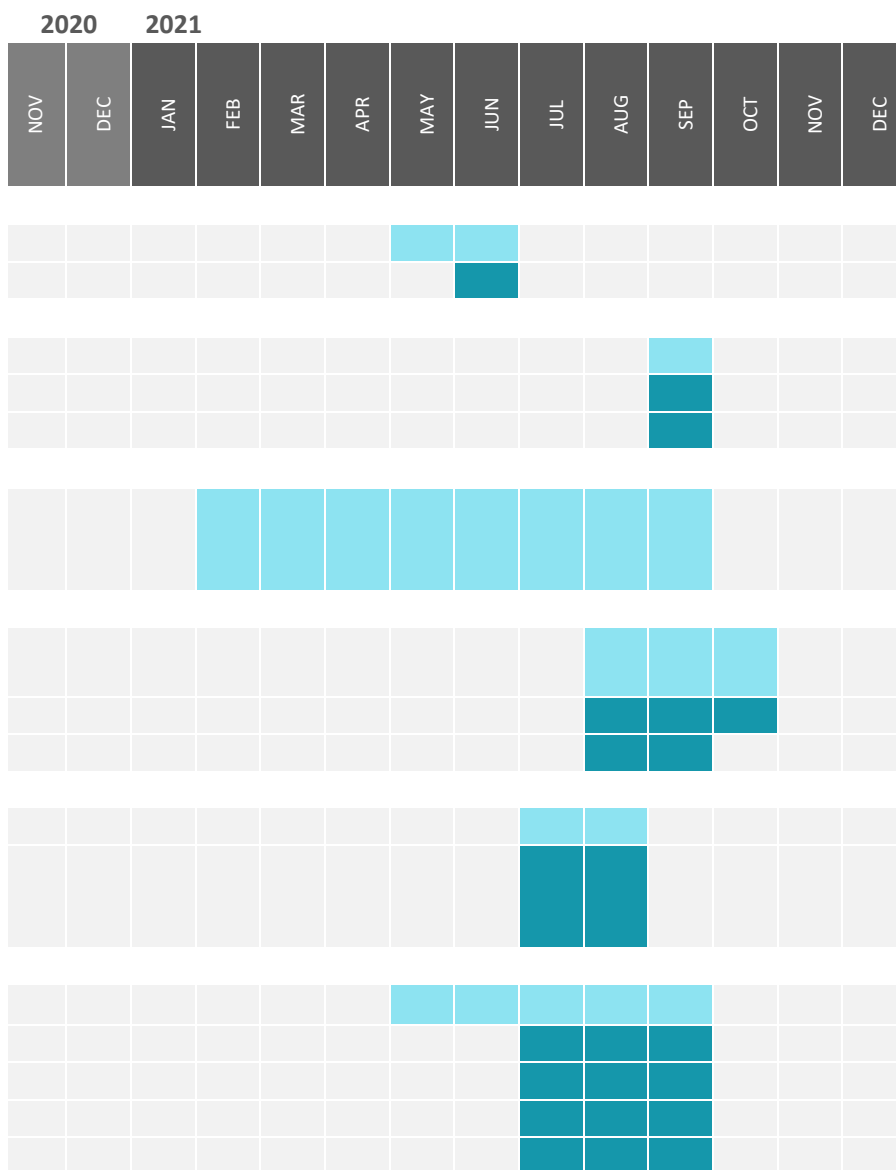
Engagement Support

Website updates

Email updates

Newsletters

Social media



Phase Two: Key Engagement Strategies

Phase Two of the WMP process will focus on prioritizing projects throughout the city. Public engagement efforts will focus on strategies and tactics to support neighborhood-specific outreach during options analysis and each project will complete the template as seen in Appendix B.

Appendix A. Community Feedback Survey Data

Find existing data from community feedback opportunities [here](#).

Appendix B. Phase Two Public Involvement Plan Template

BACKGROUND

This section is intended to provide a 3-4 paragraph description of the project, including the project location and goals, project phase, and associated timeline.

KEY MESSAGES

Complete this section with key messages related to the overall Watershed Management Planning process and project specifics. This section is intended to help ensure that everyone on the project team and outside of the project team use consistent messaging when communicating about the project.

PROJECT TEAM

Add all key members of the project team. Examples are provided below.

Project Manager:
Communications Lead:

Outreach Support
Additional City Staff:

PUBLIC OUTREACH

Complete this section with the public engagement objectives for each of the three project phases: Options Analysis; Design; and Construction. Examples for public outreach objectives by phase are listed below. It is also important to identify and list anticipated concerns for each project phase. Examples are also listed below.

Objectives	<p>Options Analysis</p> <ul style="list-style-type: none"> • Notify community members and nearby neighbors of project and solicit feedback • Provide multiple opportunities for community input on design options • Share regular updates about project at key project milestones • Communicate equitably and gather feedback from all project stakeholders <p>Design</p> <ul style="list-style-type: none"> • Involve adjacent businesses, area residents, members of the community and other affected stakeholders to inform the planning/design process, and reduce impacts as much as is reasonable and feasible • Engage the nearby neighborhood and surrounding communities by maintaining communication channels, listening, and responding quickly to public questions and concerns • Communicate equitably and gather feedback from all project stakeholders <p>Construction</p> <ul style="list-style-type: none"> • Notify community members and nearby stakeholders of project and solicit pre-construction feedback • Inform members of the community, area residents, nearby businesses and other affected stakeholders of upcoming construction project timeline and expected impacts • Engage the surrounding neighborhoods and communities by maintaining open and accessible communication channels, listening and responding to questions and concerns, and providing multiple avenues for input
Anticipated Concerns	<p>Options Analysis</p> <ul style="list-style-type: none"> • Lack of support for options and/or overall lack of support for project • Overall project delays and expense <p>Design</p> <ul style="list-style-type: none"> • Quality of life impacts: Changes to local community character, neighborhood development/gentrification • Project delays and expense <p>Construction</p> <ul style="list-style-type: none"> • Project delays and expense

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Media & Stakeholders	<ul style="list-style-type: none"> • Stakeholders: <i>Examples could include: Adjacent businesses, residents, and property owners/managers in vicinity of project</i> • Media: <i>List local media sources here.</i> 	
Outreach Budget and Assumptions	Budget: \$200,000 Budget Assumptions: <ul style="list-style-type: none"> • Outreach budget for options analysis, design, and construction • Includes direct expenses for printing materials, renting event venues, etc. • Can include budget for subconsultants (as needed) 	
Public Project Contact	EMAIL:	
	PHONE:	

BUDGET

Total Funds \$

Funding Programs

PLANNED MAJOR OUTREACH ACTIVITIES

Please complete this table with a detailed list of public engagement outreach activities and include when those activities will take place and the justification for those activities. Please refer to Engagement Strategies Phase One on p. X for a list of potential activities.

When	What	Why	Complete
			<input type="checkbox"/>
			<input type="checkbox"/>

SCHEDULE & MAJOR MILESTONES

Options Analysis
Timeline Details

Design
Timeline Details

Construction
Timeline Details

Webpage: *Add project website here.*

BACKGROUND

Add project background here.

PROJECT BENEFITS

Add project benefits here.

Insert project area map here.

TABLE 2: STAKEHOLDER CHECKLIST

Incorporated? (Y or N)	Audiences to Consider	Examples (full list will be developed over project life)
	Adjacent property owners and tenants, including businesses and residents	
	Typical users of project area	
	District Councils	
	Community groups and neighborhood organizations	
	Cultural and religious organizations	
	Tribes	
	Chambers of commerce and local business organizations	
	City of Tacoma Departments	
	Other agencies	
	Adjacent municipalities	
	Universities and institutions	
	Public facilities	
	Schools and childcare facilities	
	Hospitals/Medical Facilities	
	Social service organizations and facilities (including those serving people with disabilities)	
	CBOs	
	City of Tacoma Advisory Boards	
	Event Centers	
	Media Outlets	
	Populations that may need targeted outreach to due to cultural barriers, language differences, etc.	

GUIDING QUESTIONS

Please provide responses to the below questions.

- 1. What are the goals of the project?**

- 2. What racial or social inequities currently exist in the project area?**

3. How do the project goals address or consider the existing racial or social inequities? How will the project increase or decrease racial or social equity?
4. How will you address the project's impacts (including unintended consequences) on racial or social equity?

DEMOGRAPHIC DATA AND LANGUAGE NEEDS

Projects are required to provide materials and information in non-English languages if 5% or more of the population in that project area speaks a given language. For any project, materials in other languages are available upon request.

TRANSLATIONS THRESHOLD

2010 US Census Bureau Language Map data

Census Tract #	%Speak Spanish	% Speak Vietnamese	% Speak Russian	% Speak African Languages	% Speak Chinese	% Speak Korean

2010 - 2014 American Community Survey 5 Year Average provided by the United States Census Bureau

Census Tract #	Total Population	% Speak Spanish	% Speak Vietnamese	% Speak Russian	% Speak African Languages	% Speak Chinese	% Speak Korean	% English less than very well	% Other Languages Spoken

2010 US Census Bureau Language Map

Recommendations:

- *Provide recommendations here based on census data.*

INCLUSIVE ENGAGEMENT ELEMENTS

Examples are provided below.

Events

- The project team will coordinate with other City projects, performing public outreach in the area to share project information at existing outreach events and outlets.
- The project team will share project information with the community at local events where people in the area are already gathering (i.e. festivals, drop-ins at coffee shops, pop-ups, etc.) Include multi-lingual interpretation upon request.
- The project team will host in-person walk and talk events, along with one online survey to include stakeholders with limited availability/access to attend in-person events, respectively

Mailings

- Include translated text on mailings
- Send translated mailings and ensure they reach populations of those speaking languages other than English

Web

- Include all translated materials on project webpage
- Web content will be formatted to work with popular screen readers for blind audiences
- Project webpage will contain translated text. Additional project materials in other languages can be provided upon request.

Print Materials

- Easy to understand graphics and written materials will be created to promote accessibility for all audiences

Construction outreach

- Partner with Community Based Organizations, schools, healthcare facilities, organizations and housing developments within the neighborhood to help share information with the community.

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

APPENDIX B: OUTREACH COLLATERAL

2-Pager (front and back)



HEALTHY WATERSHEDS MAKE HEALTHY NEIGHBORHOODS

Partnering on stormwater management in Tacoma

GREEN SPACE • REDUCED FLOODING • CLEAN WATER • CLIMATE RESILIENCE • HEALTHY HABITATS

As Tacoma faces the challenges of responding to climate change and achieving equitable outcomes for all, what we do with stormwater can make a difference for our health, safety, quality of life, environment, and our future.

Tacoma's Environmental Services Department is creating a Watershed Management Plan to identify and implement the most effective stormwater actions to protect our waterways, improve our neighborhoods, and provide healthy green spaces where they are needed most in Tacoma.

STORMWATER

Rainwater travels over roofs, lawns, driveways and streets – washing pollutants like litter, pet waste, yard chemicals, car oil and tire dust into local streams, lakes or the Puget Sound.

**In Tacoma,
IF IT HITS
THE GROUND,
IT HITS THE
SOUND.**



Potential stormwater solutions in your neighborhood could include:

 <p>Rain gardens absorb and filter stormwater</p>	 <p>Pet waste stations make it easy to keep pollutants out of waterways</p>	 <p>Depaving replaces unneeded pavement with plants and trees to improve absorption</p>	 <p>Adding trees provides shade, clean air, quieter streets, and helps soak up the rain</p>	 <p>Reporting illegal dumping or spills to 311 can help prevent pollution</p>
 <p>Street sweeping keeps litter and pollutants out of our waterways</p>	 <p>Adopt-A-Spot and Adopt-A-Drain keep our neighborhoods cleaner</p>	 <p>Caring for natural areas provides homes for wildlife and access to nearby nature</p>	 <p>Tree-lined roads soak up and filter stormwater and increase tree canopy</p>	 <p>Neighborhood stormwater ponds manage stormwater and provide more green space</p>

👉 Click on each box to learn more about stormwater solutions!

GET INVOLVED!

We want to hear your priorities and concerns when it comes to stormwater issues in Tacoma. Your input will help protect clean water and increase healthy green spaces where they are needed most in Tacoma.

ATTEND A COMMUNITY WORKSHOP

Tell us about the stormwater and watershed issues you notice in your neighborhood. Sign up here:
TacomaUrbanWatersheds.com/getInvolved-1

TAKE OUR SURVEY

Share which stormwater actions are important to you at: TacomaUrbanWatersheds.com/survey

LEARN MORE

Learn more about potential stormwater solutions here:
TacomaUrbanWatersheds.com



Help shape Tacoma's future

WATERSHED PLAN PHASE 1

April 2020 through December 2021

Community Workshops ▶

Online Survey & Virtual Open House ▶

Meetings with Community Groups ▶

SEP

OCT

NOV

DEC



TACOMA'S WATERSHED MANAGEMENT GOALS



IDENTIFY

Identify Tacoma's priority streams, lakes, and shorelines that need protection from stormwater runoff.



INCORPORATE

Incorporate information about neighborhood priorities.



PARTNER



Partner with neighborhoods to take effective stormwater actions where they are most needed.

Contact Us: Shauna Hansen
SHansen2@cityoftacoma.org

www.cityoftacoma.org/healthywatersheds

f /TacomaES
@tacomaenviroservices

1-Pager (English and Spanish)



HEALTHY WATERSHEDS MAKE HEALTHY NEIGHBORHOODS

Partnering on stormwater management in Tacoma

GREEN SPACE • REDUCED FLOODING • CLEAN WATER • CLIMATE RESILIENCE • HEALTHY HABITATS

As Tacoma faces the challenges of responding to climate change and achieving equitable outcomes for all, what we do with stormwater can make a difference for our health, safety, quality of life, environment, and our future.

Tacoma's Environmental Services Department is creating a Watershed Management Plan to identify and implement the most effective stormwater actions to protect our waterways, improve our neighborhoods, and provide healthy green spaces where they are needed most in Tacoma.

STORMWATER

Rainwater travels over roofs, lawns, driveways and streets – washing pollutants like litter, pet waste, yard chemicals, car oil and tire dust into local streams, lakes or the Puget Sound.



**In Tacoma,
IF IT HITS
THE GROUND,
IT HITS THE
SOUND.**

GET INVOLVED!

We want to hear your priorities and concerns when it comes to stormwater issues in Tacoma. Your input will help protect clean water and increase healthy green spaces where they are needed most in Tacoma.

ATTEND A COMMUNITY WORKSHOP

Tell us about the stormwater and watershed issues you notice in your neighborhood. Sign up here:
TacomaUrbanWatersheds.com/get-involved-1

TAKE OUR SURVEY

Share which stormwater actions are important to you at: TacomaUrbanWatersheds.com/survey

LEARN MORE

Learn more about potential stormwater solutions here:
TacomaUrbanWatersheds.com



Contact Us: Shauna Hansen
SHansen2@cityoftacoma.org

www.cityoftacoma.org/healthywatersheds

[f /TacomaES](https://www.facebook.com/TacomaES)
[@tacomaenviroservices](https://www.instagram.com/tacomaenviroservices)





LAS CUENCAS HIDROGRAFICAS SALUDABLES HACEN VECINDARIOS SALUDABLES

Colaborando para la gestión de aguas pluviales en Tacoma

ESPACIOS VERDES • REDUCCIÓN DE INUNDACIONES • AGUA LIMPIA
RESILIENCIA CLIMÁTICA • HABITATS SALUDABLES

A medida que Tacoma se enfrenta a los desafíos de responder al cambio climático y de lograr resultados equitativos para todos, lo que hacemos con las aguas pluviales puede hacer una diferencia para nuestra salud, seguridad, calidad de la vida, el medio ambiente, y nuestro futuro.

El Departamento de Servicios Ambientales de Tacoma está creando un Plan de Manejo de Cuencas Hidrográficas para identificar e implementar las acciones de aguas pluviales más efectivas para proteger nuestras vías fluviales, mejorar nuestros vecindarios, y proporcionar espacios verdes saludables donde más se necesitan en Tacoma.

AGUAS PLUVIALES

El agua de lluvia viaja sobre techos, jardines, cocheras y calles – lavando contaminantes como basura, residuos de mascotas, productos químicos de jardín, aceite de automóvil, y polvo de neumáticos en arroyos locales, lagos o el Puget Sound.

**En Tacoma,
SI TOCA EL SUELO,
TOCA AL SOUND**



¡INVOLÚCRATE!

Queremos escuchar sus prioridades y preocupaciones de los problemas de aguas pluviales en Tacoma. Su aporte ayudara proteger el agua limpia y aumentar la salud de espacios verdes donde son los más necesarios en Tacoma.

ASISTA A UN TALLER COMUNITARIO


Cuéntanos sobre los problemas de aguas pluviales y cuencas hidrográficas que tienes en su vecindario. Regístrate aquí: TacomaUrbanWatersheds.com/get-involved-1

TOMA NUESTRA ENCUESTRA

Comparta qué acciones de aguas pluviales son importantes para usted en: TacomaUrbanWatersheds.com/survey

APRENDA MÁS

Aprenda más sobre las soluciones potenciales de aguas pluviales aquí: TacomaUrbanWatersheds.com

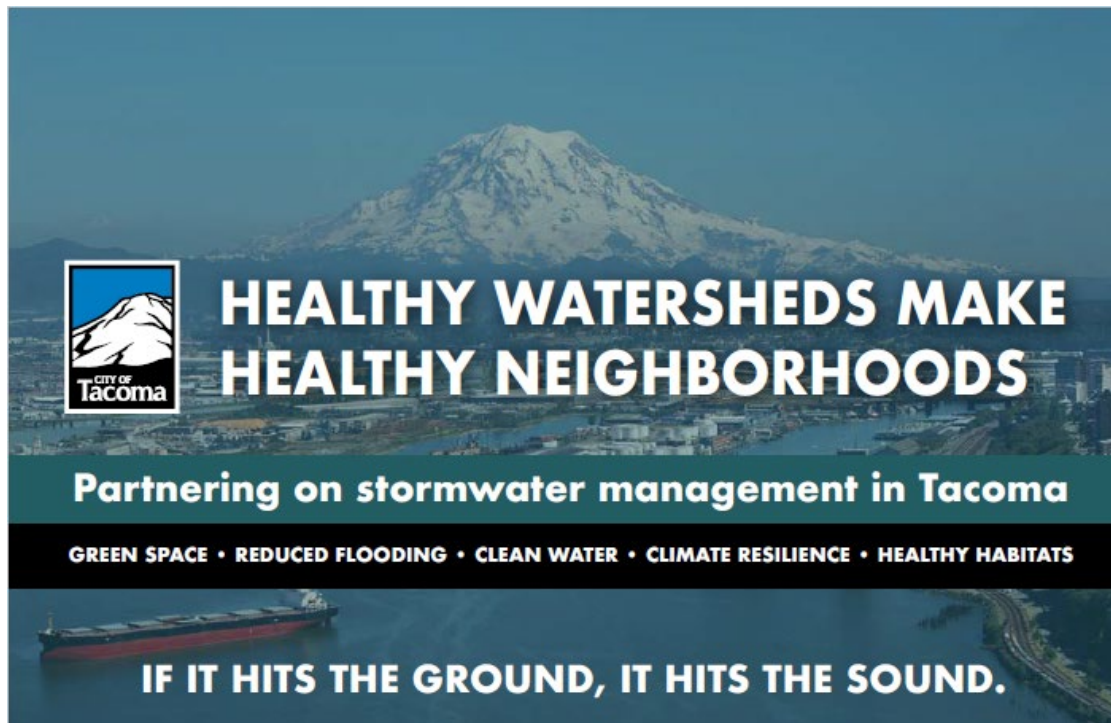


Contáctenos: Shauna Hansen
SHansen2@cityoftacoma.org

www.cityoftacoma.org/healthywatersheds

f /TacomaES
@tacomaenviroservices

Postcard Mailer (front and back)



Utility Bill Insert (front and back)



Promotional Language Templates

E-newsletter:

We want to hear from you! During September there are a couple of different ways for community members in Tacoma to contribute to the Urban Watershed Management Plan developed by Tacoma's Environmental Services Department. Their mission is to support healthy neighborhoods and a thriving Puget Sound and they are currently developing Tacoma's first Urban Watershed Management Plan to help prioritize stormwater solutions to protect our streams, wetlands, lakes, and shoreline habitats from pollutants carried in stormwater and they need your input! When rainwater hits hard surfaces like roofs, sidewalks, driveways, and parking lots, it becomes stormwater runoff and washes pollutants like litter, pet waste, and car oil into our local waterways and Puget Sound. So in Tacoma: If it Hits the Ground, it Hits the Sound.

The City has heard recent community feedback identifying neighborhood priorities including reducing pollution and litter, protecting green spaces, increasing trees, clean air, clean water, and more safe streets for walking, biking and rolling. We would like to learn which of these priorities are most important to you in your neighborhood so we can select the most effective stormwater actions to serve you, protect clean water, and increase healthy green spaces where they are needed most in Tacoma.

We hope to hear from you about what stormwater solutions would be the most beneficial to your neighborhood. Complete the [online community survey](#) at any time between now and October 15 or participate in a virtual community workshop on Saturday, Sept. 25 1:00-2:30 p.m. or Tuesday, Sept. 28 5:00-6:30 p.m.

Visit www.Tacomaurbanwatersheds.com to learn more, complete the survey and register for the workshops and please tell your neighbors!

Tacoma Healthy Watersheds Virtual Community Workshop #1

Date: Saturday Sept 25th, 1-2:30 pm

Registration link:

<https://us02web.zoom.us/join/9HjSkF1fsGZyQtjkOD>

Tacoma Healthy Watersheds Virtual Community Workshop #2

Date: Tuesday Sept 28th, 5-6:30 pm

Registration link:

<https://us02web.zoom.us/join/tZwocuChrTwtH9K984qLdO5sFs4433F-VMpU>

Condensed E-newsletter:

We want to hear from you! Please help inform the Urban Watershed Management Plan developed by Tacoma's Environmental Services Department. Their mission is to support healthy neighborhoods and a thriving Puget Sound. The City has heard recent community feedback identifying neighborhood priorities including reducing pollution and litter, protecting green spaces, increasing trees, clean air, clean water, and more safe streets for walking, biking and rolling. We would like to learn which of these priorities are most important to you in your

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

neighborhood so we can select the best stormwater actions to serve you, protect clean water, and increase healthy green spaces where they are needed most in Tacoma.

Complete the [online community survey](#) at any time between now and October 15 or participate in a virtual community workshop on Saturday, Sept. 25 1:00-2:30 p.m. or Tuesday, Sept. 28 5:00-6:30 p.m.

Visit www.Tacomaurbanwatersheds.com to learn more, complete the survey and register for the workshops and please tell your neighbors!

Facebook:

Post 1:

What do you care about most in your neighborhood: Shade trees? Safe sidewalks? Clean streets? We are currently developing Tacoma's first Urban Watershed Management Plan to help identify stormwater solutions that protect our nearby waterways from polluted stormwater runoff while responding to community priorities at the same time.

Learn more and take the healthy watersheds neighborhood survey at www.Tacomaurbanwatersheds.com!

Post 2:

Help us meet the needs in your neighborhood while contributing to the City's new Urban Watershed Plan. How should the City prioritize stormwater solutions to build community health and economic recovery while protecting Tacoma's most important streams, wetlands, lakes and shoreline habitats from pollutants carried in stormwater? We want to hear from you!

Complete the watershed neighborhood survey between now and Oct. 15 or register to participate in a virtual community workshop on Saturday Sept. 25 or Tuesday Sept. 28 at www.Tacomaurbanwatersheds.com

Post 3:

We want to hear from you! Improve your neighborhood and guide which stormwater investments Tacoma over the next 5-10 years. Tacoma's new Urban Watershed Plan will keep our local waterways clean and healthy and benefit your block at the same time!

There's still time to complete the watershed neighborhood survey between now and Oct. 15 or register to participate in a virtual community workshop on Saturday Sept. 25 or Tuesday Sept. 28 at www.Tacomaurbanwatersheds.com

Instagram:



Healthy Watersheds = Healthy Neighborhoods

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

Help identify stormwater solutions for your neighborhood that protect Tacoma's waterways from polluted stormwater runoff while responding to your neighborhood's priorities at the same time. Visit www.Tacomaurbanwatersheds.com to complete the watershed survey and register for one of the virtual upcoming community workshops on Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30 pm.



Post 2: (IMAGE)
Puget Sound Starts Here in Tacoma!

Stormwater runoff travels over the ground and washes pollutants like litter, pet waste, and car oil into our local waterways and Puget Sound. Help the City prioritize investments in your community through stormwater solutions over the next 5-10 years to best address your neighborhood's needs. Fill out the neighborhood survey at www.Tacomaurbanwatersheds.com and REGISTER NOW for a Virtual Workshop on Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30 pm.

#Tacomaurbanwatersheds



VIRTUAL WORKSHOP: What makes healthy watersheds and healthy neighborhoods?

DATE/TIME: Saturday Sept. 25 from 1-2:30pm or Tuesday Sept. 28 from 5-6:30

Register now: www.Tacomaurbanwatersheds.com

We are currently developing Tacoma's first Urban Watershed Management Plan to help prioritize stormwater solutions throughout Tacoma. Tell us which priorities are most important to you in your neighborhood so we can select the best stormwater actions to serve you, protect clean water, and increase healthy green spaces where they are needed most in Tacoma.

Twitter:

Tweet 1: Share your thoughts on potential stormwater solutions for your neighborhood! Join us for a virtual workshop on Zoom Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30pm to help shape the City's stormwater investments over the next 10 years. Register via Zoom: www.Tacomaurbanwatersheds.com

Tweet 2: What do you care about most in your neighborhood: Shade trees? Safer sidewalks? Cleaner streets? We want to hear from you to shape Tacoma's stormwater solutions to best serve your neighborhood!

Join us for a virtual workshop on Zoom Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30pm. Sign up at www.Tacomaurbanwatersheds.com. #Tacomaurbanwatersheds

Promotional Language Templates (Gift Card Reimbursement)

E-newsletter:

We want to hear from you! During September there are a couple of different ways for community members in Tacoma to contribute to the Urban Watershed Management Plan developed by Tacoma's Environmental Services Department. Their mission is to support healthy neighborhoods and a thriving Puget Sound and they are currently developing Tacoma's first Urban Watershed Management Plan to help prioritize stormwater solutions to protect our streams, wetlands, lakes, and shoreline habitats from pollutants carried in stormwater and they need your input! When rainwater hits hard surfaces like roofs, sidewalks, driveways, and parking lots, it becomes stormwater runoff and washes pollutants like litter, pet waste, and car oil into our local waterways and Puget Sound. So in Tacoma: If it Hits the Ground, it Hits the Sound.

The City has heard recent community feedback identifying neighborhood priorities including reducing pollution and litter, protecting green spaces, increasing trees, clean air, clean water, and more safe streets for walking, biking and rolling. We would like to learn which of these priorities are most important to you in your neighborhood so we can select the most effective stormwater actions to serve you, protect clean water, and increase healthy green spaces where they are needed most in Tacoma.

We hope to hear from you about what stormwater solutions would be the most beneficial to your neighborhood. Complete the [online community survey](#) at any time between now and October 15 or participate in a virtual community workshop on Saturday, Sept. 25 1:00-2:30 p.m. or Tuesday, Sept. 28 5:00-6:30 p.m. and receive \$40 gift card for your workshop participation.

Visit www.Tacomaurbanwatersheds.com to learn more, complete the survey and register for the workshops and please tell your neighbors!

Tacoma Healthy Watersheds Virtual Community Workshop #1

Date: Saturday Sept 25th, 1-2:30 pm

Registration link:

<https://us02web.zoom.us/meeting/register/tZwrcu-rrz4sGtx3--9HjskF1fsGZyQtjkOD>

Tacoma Healthy Watersheds Virtual Community Workshop #2

Date: Tuesday Sept 28th, 5-6:30 pm

Registration link:

<https://us02web.zoom.us/meeting/register/tZwocuChrTwtH9K984qLdO5sFs4433F-VMpU>

Condensed E-newsletter:

We want to hear from you! Please help inform the Urban Watershed Management Plan developed by Tacoma's Environmental Services Department. Their mission is to support healthy neighborhoods and a thriving Puget Sound. The City has heard recent community feedback identifying neighborhood priorities including reducing pollution and litter, protecting green spaces, increasing trees, clean air, clean water, and more safe streets for

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

walking, biking and rolling. We would like to learn which of these priorities are most important to you in your neighborhood so we can select the best stormwater actions to serve you, protect clean water, and increase healthy green spaces where they are needed most in Tacoma.

Complete the [online community survey](#) at any time between now and October 15 or participate in a virtual community workshop on Saturday, Sept. 25 1:00-2:30 p.m. or Tuesday, Sept. 28 5:00-6:30 p.m. and receive \$40 gift card for your workshop participation.

Visit www.Tacomaurbanwatersheds.com to learn more, complete the survey and register for the workshops and please tell your neighbors!

Facebook:

Post 1:

What do you care about most in your neighborhood: Shade trees? Safe sidewalks? Clean streets? We are currently developing Tacoma's first Urban Watershed Management Plan to help identify stormwater solutions that protect our nearby waterways from polluted stormwater runoff while responding to community priorities at the same time.

Learn more and take the healthy watersheds neighborhood survey at www.Tacomaurbanwatersheds.com!

Post 2:

Help us meet the needs in your neighborhood while contributing to the City's new Urban Watershed Plan. How should the City prioritize stormwater solutions to build community health and economic recovery while protecting Tacoma's most important streams, wetlands, lakes and shoreline habitats from pollutants carried in stormwater? We want to hear from you!

Complete the watershed neighborhood survey between now and Oct. 15 or register to participate in a virtual community workshop on Saturday Sept. 25 or Tuesday Sept. 28 at www.Tacomaurbanwatersheds.com and receive \$40 for your workshop participation.

Post 3:

We want to hear from you! Improve your neighborhood and guide which stormwater investments Tacoma over the next 5-10 years. Tacoma's new Urban Watershed Plan will keep our local waterways clean and healthy and benefit your block at the same time!

There's still time to complete the watershed neighborhood survey between now and Oct. 15 or register to participate in a virtual community workshop on Saturday Sept. 25 or Tuesday Sept. 28 at www.Tacomaurbanwatersheds.com and receive \$40 for your workshop participation.

Instagram:



Healthy Watersheds = Healthy Neighborhoods

Help identify stormwater solutions for your neighborhood that protect Tacoma's waterways from polluted stormwater runoff while responding to your neighborhood's priorities at the same time. Visit www.Tacomaurbanwatersheds.com to complete the watershed survey and register for one of the virtual upcoming community workshops on Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30 pm, and receive \$40 for your workshop participation.



Puget Sound Starts Here in Tacoma!

Stormwater runoff travels over the ground and washes pollutants like litter, pet waste, and car oil into our local waterways and Puget Sound. Help the City prioritize investments in your community through stormwater solutions over the next 5-10 years to best address your neighborhood's needs. Fill out the neighborhood survey at www.Tacomaurbanwatersheds.com and REGISTER NOW for a Virtual Workshop on Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30 pm. Workshop participants will receive \$40 for their workshop participation. #Tacomaurbanwatersheds



VIRTUAL WORKSHOP: What makes healthy watersheds and healthy neighborhoods?

DATE/TIME: Saturday Sept. 25 from 1-2:30pm or Tuesday Sept. 28 from 5-6:30

Register now: www.Tacomaurbanwatersheds.com

We are currently developing Tacoma's first Urban Watershed Management Plan to help prioritize stormwater solutions throughout Tacoma. Tell us which priorities are most important to you in your neighborhood so we can select the best stormwater actions to serve you, protect clean water, and increase healthy green spaces where they are needed most in Tacoma.

Give your input and receive \$40 for your time in attending the workshop.

Twitter:

Tweet 1: Share your thoughts on potential stormwater solutions for your neighborhood and get paid! Join us for a virtual workshop on Zoom Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30pm to share your thoughts and help shape the City's stormwater investments over the next 10 years, and get paid \$40 for your workshop participation. Register via Zoom: www.Tacomaurbanwatersheds.com

Tweet 2: What do you care about most in your neighborhood: Shade trees? Safer sidewalks? Cleaner streets? We want to hear from you to shape Tacoma's stormwater solutions to best serve your neighborhood!

Join us for a virtual workshop on Zoom Saturday Sept. 25 1-2:30 pm or Tuesday Sept. 28 5-6:30pm and get paid \$40 for your workshop participation. Sign up at www.Tacomaurbanwatersheds.com.
#Tacomaurbanwatersheds

APPENDIX C: STAKEHOLDER INTERVIEW AND DISCUSSION NOTES

Puyallup Tribe Fisheries Staff - Oct. 5, 2020

- Is watershed prioritization tool required for NPDES Phase I Permit compliance?
 - No, but we plan to use the tool to be proactive in where we are putting in structural stormwater controls like street sweeping, pipe cleaning, source control activities and stormwater treatment retrofits.
- What is the tool based on?
 - The Nature Conservancy Puget Sound pollution hot spot mapping tool, but we will be adding in Tacoma specific data based on local stormwater outfall monitoring data. Could use Puyallup Tribe Shellfish department data or Fisheries department data. Just let them know where we need data, and they can sort through and give us what they have.
- Tribal Fisheries staff and Tribal Council are also very concerned about sanitary sewer overflows that occur during big storm events. Can the watershed model address SSOs?
 - Maybe could address in the Wastewater Comprehensive Planning?
- If the prioritization tool looks at prioritizing business inspections on tribal properties, we will coordinate with joint inspections with tribal staff – often have gotten positive compliance with many businesses without having to enforce.
- In terms of other tribal groups that might be interested stakeholders in the watershed plan development: Tribal Fisheries Commission members and Tribal Fishermen have a lot of interest in water quality. Periodic membership meetings – we could do a fact sheet to distribute to their membership or survey to ask questions.
- Tribal Fisheries staff work focuses on water quality in Commencement Bay and Puget Sound nearshore areas. Mason Gulch and Puget Creek have limited benefit to fisheries due to amount of development. So many degraded streams in Tacoma – not of habitat benefit.
- Puyallup Tribe has helped out with development of many basin plans and modeling done by Pierce County.
- Curious if the prioritization model results will align with what Tribal experience has shown are the priority needs throughout the watershed.
- Recommend we coordinate with South Puget Sound Salmon Enhancement Grant projects or planning efforts where we can.
- Tribe is also dealing with a lot of encampment cleanups, mostly reactionary. Hard to prevent new encampments developing. Mentioned City purple bag pilot program.
- Suggest we continue to meet during watershed plan development when we hit milestones for feedback and we will try to stay in touch every few months.

Puyallup Tribe Sustainability Group - Feb. 23, 2021

- Tribe environmental goals are closely tied to practicing their treaty rights and teaching their children. Try to connect sustainability communications and messaging in the tribal newsletter with tribal teachings to connect with tribal members.
- First Creek is a tribal council priority area – clean-up from homeless encampments
- Watershed locations have tribal names – could watersheds/waterbody signage reflect tribal names?

- Would like to include tribal youth in events and activities to be training up as future stewards of the watershed
- Currently focused on Styrofoam ban, electrifying tribal fleet vehicles, Earth Day cleanup events to “give back to our Mother” on Earth Day. Also interested in organizing habitat restoration plantings on tribal properties (working with Tribal Fisheries staff to identify locations), but concerned about safety of young people participating if may be drug paraphernalia, human waste, or unsafe persons present on site. Potential cleanup sites include Swan Creek Park, Canoe Landing Site, Ceremonial Grounds to get ready for “First Fish” ceremony, Tribal Cultural Center.
- If there are events that the City would like tribal members to participate in, we could send the invite to the Tribal Sustainability email.
- Importance and challenges of taking care of the land and water in Tacoma – committed to it: if it gets ruined by pollution, tribal members don’t have the option to leave – if they move off reservation, they don’t receive services. Already being priced out of properties within reservation boundaries.

West End Neighborhood Council – Mar.17, 2021

- 1) What’s your favorite thing about your watershed?
 - Wildlife
 - Titlow Park
- 2) What are some needs or challenges where you live in the watershed?
 - Weed killer used on planter strip
 - Too much litter
 - Street runoff from vehicles
 - Not enough waste collection receptacles
 - Dog waste
 - Leaky cars
 - Need more holding ponds
 - Lots of new apartments

Chambers Clover Watershed Council – May 19, 2021

- 1) How does Tacoma watershed and stormwater planning tie into CCWC goals and priorities?
 - Pointed out that they are very interested in Low Impact development as part of strategy 3 even more than end of pipe solutions – so we should probably call GSI and source control actions out separately in our priority actions list.
 - Priorities for this watershed are salmon habitat, water quantity, streamflow support. Favor projects that support recharge. Hard to have fish if there is not enough water.
 - Consider hiring a full-time maintenance crew to care for project fish ladders, make sure fish blockages like downed tree limbs are moved, evaluate scouring if it looks like there is too much runoff going in during storm events? Who is there to maintain restoration projects once they have been built? Also what if encampment is destroying plants, fires, etc.
 - Asked about a hotline to call if neighbors on stream see anything to report. As part of our outreach, we should probably let people know when to call Tacoma First 311 with watershed issues and what types of receiving water issues we want to know about. Similar to water pollution hotline guidance. CCWC offered to publish our hotline on their website.

- Another concern is existing development that was built prior to NPDES permit regulations. Both with water quality and quantity control are substandard. Should focus projects in these older existing developments.
 - CCWC ultimate goal – no more untreated stormwater released into receiving waters.
- 2) What related projects and initiatives are you working on in/near Tacoma? How can our watershed plan support your work?
- Restoration Priorities – Wapato lake, Leach Creek, Puget Creek, Titlow Estuary, Nearshore habitat up to Point Defiance. Nearshore habitat is for the whole watershed and they are using Point Defiance as an example. Especially in regards to roads and rails removal: get those opened up and get estuary functioning on some of those. Example: Titlow Lagoon.
 - Monitoring priorities – This is for areas that generally look pretty good habitat-wise but might be impacted by water quality and sedimentation due to stormwater e.g. Snake Lake.
- 3) How do you want to have more ongoing input during Tacoma’s plan development? During action implementation?
- The council members would like to be updated and participate in:
 - i. Advertise/participate in stakeholder workshops and online watershed priorities survey (Summer 2021)
 - ii. Review beta version of Watershed Prioritization Model (Summer 2022)
 - iii. Review draft Watershed Priority Action List (Winter 2023)
 - Also potential updates monthly during partner updates.
- 4) Additional thoughts: Sometimes in the urban areas, it’s hard to know which waterbody you are near, so it’s important to show people which watershed they are contributing to.

Puyallup River Watershed Council – May 27, 2021

- 1) How does Tacoma watershed and stormwater planning tie into CCWC goals and priorities?
- How much water is needed for native fish populations. Home in Tacoma project going on and increase the density of middle housing options in single family home neighborhoods. Increased demand on water going to drinking water vs. supporting stream flows. Pierce County is approving water injections into aquifers to support stream flows? How are we going to protect groundwater quality from stormwater pollutants? Where does this water come from? Health Department regulates the Tacoma groundwater protection district – groundwater quality is a concern. At the same time how are you are going to preserve healthy Puget Sound for native fish and wildlife populations?
 - i. Watershed plan will identify key areas in the city where protecting and preserving natural areas.
 - ii. Watershed plan will identify where in the city to do more stormwater infiltration (including pretreatment) to protect and enhance groundwater supplies. For example, we are currently doing a feasibility study for potential regional infiltration facilities in the south Tacoma channel area (would support Flett creek flows)
 - iii. While our plan is mainly looking at stormwater management solutions, some of those solutions will include protecting/enhancing critical area habitat.
 - Pierce Conservation District Strategic Plan – advocates for land use & development tie in with watershed planning. Also, PCD promotes different green infrastructure related programs like “Lawns to lettuce”, edible plants in rain gardens, community gardens – way to convert

pavement to green infrastructure. Highly recommends multi-benefit approaches that looks at what is important to the community (maybe more important to them/make a better connection with them than stormwater management). Their Harvest Pierce Co. program did a GIS analysis of 400 city vacant properties to identify good ones for new community gardens, but having trouble move forward on it – he will send us that list of properties.

- Additional efforts sponsored by PRWC: Ecosystem Recovery Plan team is planning a Watershed Gathering for September 2021 – we should participate. Salmon Homecoming (may be virtual again this year – Oct .2 save the date.) Puyallup Watershed Symposium will be virtual again this year in December.
- Sumner is just starting their watershed planning efforts, so they are interested in what we are doing.

2) How do you want to have more ongoing input during Tacoma’s plan development? During action implementation?

- The council members would like to be updated and participate in:
 - i. Advertise/participate in stakeholder workshops and online watershed priorities survey (Summer 2021)
 - ii. Review beta version of Watershed Prioritization Model (Summer 2022)
 - iii. Review draft Watershed Priority Action List (Winter 2023)
- Look out for the invite to the watershed planning workshops/survey. Coordinate with actions in the Ecosystem Recovery Plan. Coming back and sharing the beta version of the tool.

Additional thoughts in the chat:

- Just wanted to note the TPU Water can switch over to the South Tacoma Groundwater Protection District supply during the summer - that helps flows in the Green River but also speaks to the importance of Regional Protection Facilities in Tacoma to protect that supply.
- RE: regional water quality retrofits - have you considered a 'stormwater park' to improve water quality in Swan Creek, possibly connected to the new Pipeline Trail?
- Make sure you participate in PRWC Watershed Gathering event

Puget Sound Partnership - Sept. 10, 2021

- Likes that the prioritization tool will be open source for regional use. May need to create common naming protocols so all jurisdictions will use same attributes in data layers. There is a small amount of funding allocated to Local Integrating Organizations annually for their own projects. Maybe could be used for GIS data dictionary? Suggest to PWR-LIO to see if other LIOs would support it.
- How can PSP support our efforts by scaling up or distributing to other jurisdictions? Talk to Ecology about supporting these types of efforts?
- Aligns with regional funding proposition for Stormwater Investment Plan if we are looking watershed-wide vs within City limits.
- Good to be coordinating with the Puyallup White River Watershed Local Integrating Organization (PWR-LIO) efforts around the Ecosystems Recovery Plan. Consider reaching out to Lead Entity for WRIA 10/12 (Lisa Spurrier) also – they don’t usually fund stormwater actions, but do call them out in the Salmon Recovery Plan.

- Recommend we attend the 2022-26 Action Agenda Update topical workshops coming up at the end of the year. Also, there is NEP primary funding for the Action agenda – updates come through the LIO.
- Ecology Puget Sound Characterization Model is more designed based on river, creek systems than on stormwater conveyance systems
- Maybe Tacoma's BMP effectiveness module could help with comparing water quality benefits of different NTA funding proposals?

Port of Tacoma - Sept. 20, 2021

- They would like to ensure that the non-City owned stormwater treatment devices (the Port has a lot) are included in the watershed prioritization model as baseline conditions in the Tideflats watershed.
- Include in the watershed model special data on habitat mitigation sites, remediation/cleanup sites and nearshore confined disposal areas in the Tideflats.
- Could use NPDES Industrial Permit holder copper/lead limits to adjust pollutant-loading numbers in the Port.
- Identify where the City and Port MS4 stormwater systems connect to same receiving waters.
- The Watershed Planning Report should acknowledge both City and Port as NPDES permit holders. They would like to review the chapter on the Tideflats subarea.
- The Port has staff focused on modeling air quality, remediation projects, transportation planning, facilities planning, maximizing productive space in the Port.
- Port is working with Puyallup Tribe staff in multiple areas – development project reviews, cultural resources review, water quality projects. They have standing meetings with Tribe in addition to project specific meetings.
- They would like to be included in the team doing beta testing on watershed model and reviewing the draft priority action list.
- They also coordinate with Drainage District #23 about maintenance of the ditch running through the Port.

West End Neighborhood Council – Mar.17, 2021

1. What's your favorite thing about your watershed?
 - Wildlife
 - Titlow Park
2. What are some needs or challenges where you live in the watershed?
 - Weed killer used on planter strip
 - Too much litter
 - Street runoff from vehicles
 - Not enough waste collection receptacles
 - Dog waste
 - Leaky cars
 - Need more holding ponds
 - Lots of new apartments

APPENDIX D: PUBLIC SURVEY



TACOMA HEALTHY WATERSHEDS COMMUNITY SURVEY

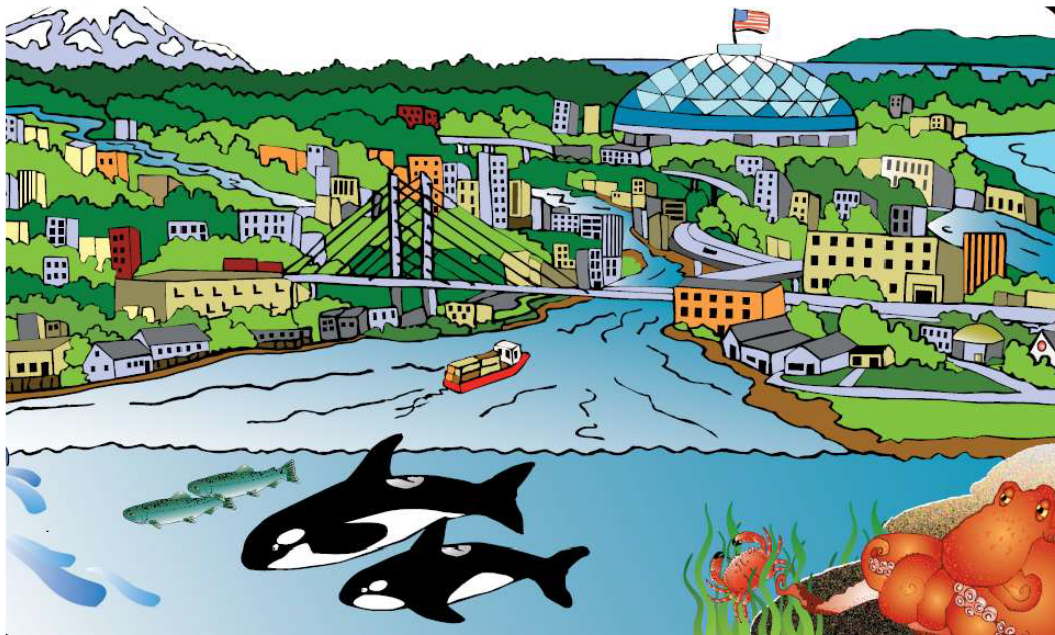
DID YOU KNOW? Most of Tacoma's **stormwater** (rainwater that travels over our streets, yards, and driveways and picks up pollutants such as oil and pet waste) flows directly into our waterways without being cleaned. In other words: If it hits the ground, it hits the Sound.

Tacoma's Environmental Services Department is creating a Watershed Management Plan to help us select the most effective stormwater actions to protect our waterways, improve our neighborhoods and provide healthy green spaces where they are needed most in Tacoma.

We've heard community feedback highlighting community priorities like ***litter, green spaces, more trees, clean air and water, and safe routes to walk, bike and roll.*** Please take a few minutes to share which priorities are most important in your neighborhood.

Your participation in this survey is optional and voluntary.

This survey should take about 5 minutes to complete. Thank you for participating.





**TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY**

TELL US ABOUT YOUR NEIGHBORHOOD

SATISFACTION WITH CURRENT NEIGHBORHOOD

1. How satisfied or dissatisfied are you with...

Amount of tree canopy



- a. Very satisfied
- b. Somewhat satisfied
- c. Neither satisfied nor dissatisfied
- d. Somewhat dissatisfied
- e. Very dissatisfied

Urban Mobility: bike, walk, or roll



- a. Very satisfied
- b. Somewhat satisfied
- c. Neither satisfied nor dissatisfied
- d. Somewhat dissatisfied
- e. Very dissatisfied

Amount of flooding



- a. Very satisfied
- b. Somewhat satisfied
- c. Neither satisfied nor dissatisfied
- d. Somewhat dissatisfied
- e. Very dissatisfied

Cleanliness of streams, ponds, lakes,
and beaches



- a. Very satisfied
- b. Somewhat satisfied
- c. Neither satisfied nor dissatisfied
- d. Somewhat dissatisfied
- e. Very dissatisfied

Amount of litter and/or pet waste



- a. Very satisfied
- b. Somewhat satisfied
- c. Neither satisfied nor dissatisfied
- d. Somewhat dissatisfied
- e. Very dissatisfied



TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY

IMPORTANCE OF AMENITIES

2. Please check the box next to each image that is important to you. **(Select all that apply)**

☐ Having lots of trees



☐ Birds, bees, and butterflies



☐ Having lots of parks and natural areas



☐ Cleanliness of streams, ponds, lakes, and beaches



☐ Pet waste stations with trash cans



☐ Less flooding



☐ None of the above

3. Of these, circle which one is the most important?



TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY

NEIGHBORHOOD IMPROVEMENTS

4. What do you want more of in your neighborhood? (Select all that apply)

☐ Reducing flooding



☐ More plants, less pavement



☐ Repairing damaged streets and sidewalks



☐ Make it easier to bike, walk, or roll



☐ Reducing litter



☐ Protecting spaces for wildlife and native plants



☐ Cooler streets with more shade



☐ More access to nearby natural areas



☐ Reducing pet waste



☐ Cleaner streams, ponds, lakes, or waterfronts nearby



☐ Improved air quality



5. Of these, circle which one is the most important?



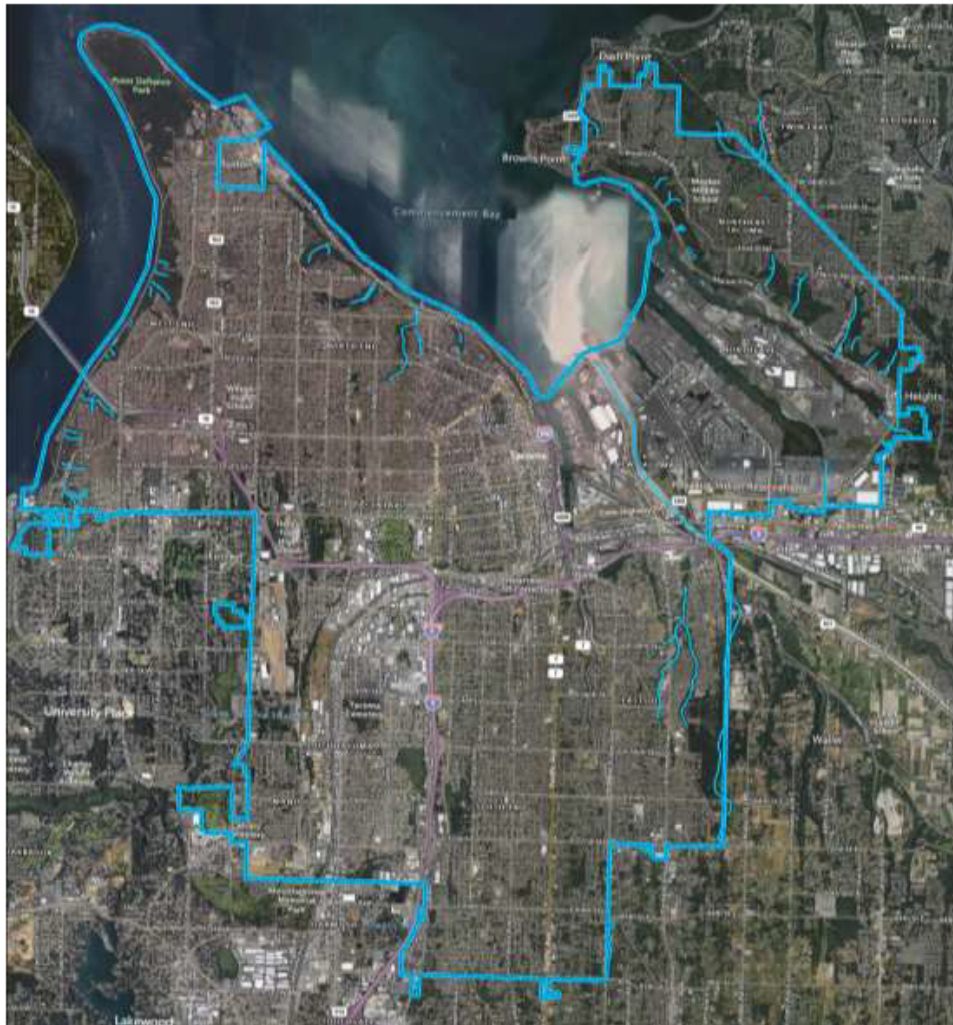
**TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY**

MAPPING WHAT'S IMPORTANT TO YOU

6. We want to learn more about where you notice stormwater issues and what natural areas around Tacoma are most important to you. Mark a location on the map and add a comment about that place. For example, **mark any places** where:

- You like to fish, harvest plants, or recreate (ex: walk, swim, etc.).
- You have noticed flooding.
- You have an idea for improving the street such as: adding sidewalks or planting trees.
- There is pollution or litter* (be specific about what type of trash or pollution you see).

For issues that require a quick response, including spills or dumping that could wash down the street or storm drain and pollute nearby waterways, please call the City of Tacoma reporting hotline at **311 or visit www.cityoftacoma.org/TacomaFirst to report it.*





TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY

DEMOGRAPHIC INFORMATION

The following questions help us understand the profile of survey participants and supports our effort to make this process as comprehensive and inclusive as possible. These questions are optional.

7. Race/Ethnicity (check all that apply)

<input type="checkbox"/>	Asian
<input type="checkbox"/>	Black/African
<input type="checkbox"/>	Latino/Latinx/Hispanic
<input type="checkbox"/>	Middle Eastern/North African
<input type="checkbox"/>	Native American/Alaska Native
<input type="checkbox"/>	Pacific Islander/Native Hawaiian
<input type="checkbox"/>	White/Caucasian
<input type="checkbox"/>	Rather Not Say

8. Please list any specific race, ethnic, and national groups, and tribal/band affiliations with which you identify (optional): _____

9. Age

<input type="checkbox"/>	17 and under
<input type="checkbox"/>	18 – 24
<input type="checkbox"/>	25 - 34
<input type="checkbox"/>	35 - 44
<input type="checkbox"/>	45 – 54
<input type="checkbox"/>	55 – 64
<input type="checkbox"/>	65 – 74
<input type="checkbox"/>	75 and over
<input type="checkbox"/>	Rather Not Say



TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY

10. Do you rent or own the place where you live?

<input type="checkbox"/>	Own
<input type="checkbox"/>	Rent
<input type="checkbox"/>	Rather Not Say
<input type="checkbox"/>	Prefer to self-describe:

11. Do you work or own a business in Tacoma?

<input type="checkbox"/>	Work
<input type="checkbox"/>	Own a business
<input type="checkbox"/>	Neither
<input type="checkbox"/>	Rather Not Say

12. Primary language spoken at home: _____

13. Additional language(s) spoken at home: _____



TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY

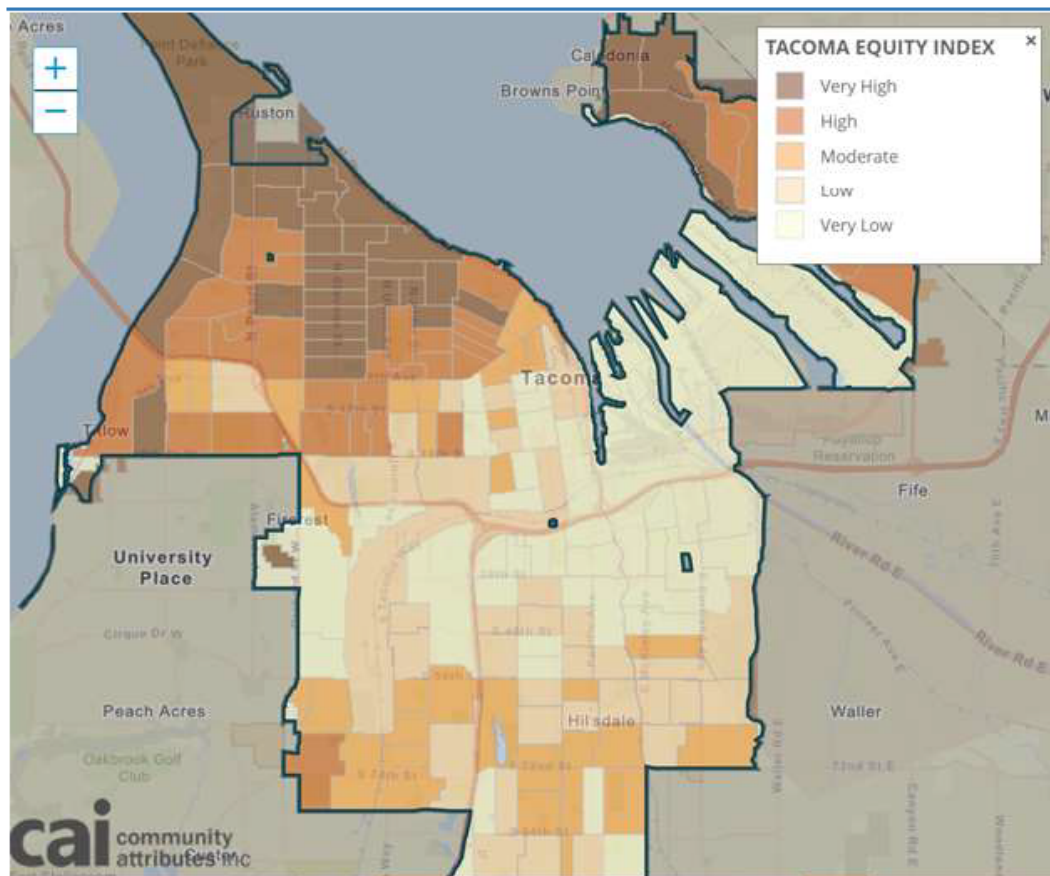
Tacoma's Equity Index Map – Learning about Opportunity Zones

Tacoma's Equity Index Map shows differences in the amount of **opportunity between different areas of Tacoma based on 29 indicators about the health, wealth, and environmental conditions in our community** (such as jobs, schools, clean air, and public safety.)

This map is used to make decisions about government spending on community programs, projects, and services to improve access to opportunity where it is needed most.

The darker colors show areas with higher opportunity while the lighter colors show areas with lower opportunity.

14. Circle your neighborhood block area on the map below:





**TACOMA HEALTHY WATERSHEDS
COMMUNITY SURVEY**

STAYING INVOLVED

15. Please contact me so I can get more involved in making healthy neighborhoods and healthy watersheds. I would like to learn how the City can help me...

1. ☐ ...**clean up trash** in my neighborhood
2. ☐ ...**mark storm drains/catch basins** with “no dumping” in my neighborhood
3. ☐ ...**keep litter and leaves out of the storm drain** near me
4. ☐ ...**clean up dog waste** in my neighborhood
5. ☐ ...**volunteer to care for a local natural area**
6. ☐ ...**get free street trees or low-cost trees** for my yard
7. ☐ ...**build a rain garden** in my yard
8. ☐ ...**replace my lawn with pollinator plants**
9. ☐ ...**replace pavement with plants** on/near my property
10. ☐ ...**receive email updates** about Tacoma’s Watershed Plan

16. Please provide your email address and/or phone number so we can contact you about the items you marked above. _____

Your input is critical to help the City prioritize future stormwater management, habitat restoration, and urban forestry programs in Tacoma’s urban watersheds.

Thank you for helping us support healthy neighborhoods and a healthy environment for all.

APPENDIX E: TACOMA'S WATERSHED COMMUNITY FEEDBACK MAP - ADDITIONAL COMMENTS

Watershed/ Opportunity Zone	Other Comment	Litter/ Pollution	Improvement Idea	Flooding	Fishing/ Swimming
VERY HIGH					
North Tacoma	Reduce pollution Improve drainage		Turning it into a park	Stormwater/gro undwater not properly handled. Ditches overflow, ice in winter, water on roadways	Access to the beach and forest
Leach Creek		Litter			
HIGH					
North Tacoma	Address litter from unhoused encampments Address litter from unhoused encampments	Pet waste, litter		Street flooding at the corners	
Western Slopes	More trees				
Flett Creek			Adding sidewalks and fixing damaged streets		
Leach Creek					Walking, biking
MODERATE					
North Tacoma		Litter: cigarette butts, broken glass, food packaging			
Foss Waterway	Improve roads and sidewalks	More garbage cans			
Flett Creek	Polluted water well	The city has continually allowed an encampment of people to chop cars here, endangering the headwaters of Flett Creek			
Western Slopes	Address pet waste				

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

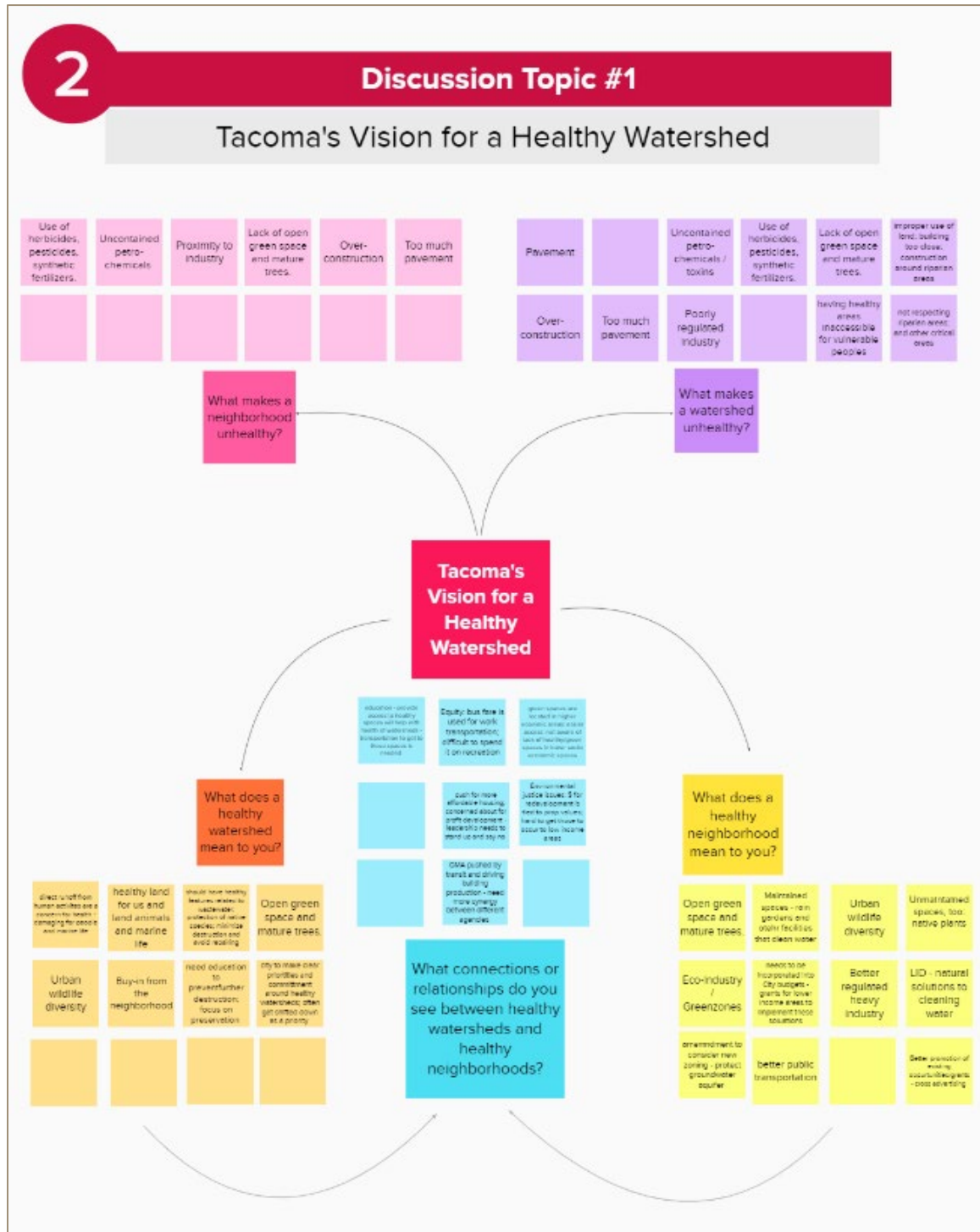
LOW					
Foss Waterway	Reduce litter Increase trees and shade Improve bikability		Most of the block has uneven sidewalks on S. 11th Street near SeaMar Park Ave S and 61st Street would like more trees	Flooding is bad near Pac Ave & A Street	
Flett Creek	Regulate paper mill. Replace lawns with native grass		Make it safer and easier to cross highways on foot or by bike		
North Tacoma			Add protected bike lanes on 6th Avenue!		
Lower Puyallup		Lots of litter, sometimes illegal dumping	The pipeline trail is multi-use and unsafe for pedestrians sometimes due to speeding bikers, ATVs, motorbikes. Also, there is a lot of trash and unscooped dog waste.		
VERY LOW					
Foss Waterway	Must consider biking and walking when replacing pavement More trees thoughtfully planted in areas where they can thrive Reduce litter	School bus and City bus stop on 25th. People and kids waiting for bus, and people in cars waiting at the stops drop or throw trash out of their cars. Neighbors, and we, pick it up. Some renters are not as invested in the neighborhood as home owners	Please work hard on the Trail To The Mountain to activate this Tacoma Rail line and reduce litter, homeless encampments, and add amenities to walk/bike/roll 'J' Street needs street repaired	Street flooding at bottom of railroad tracks on E 46th & E Street flooding on the corner, lack of stormwater infrastructure	

TACOMA URBAN WATERS PROTECTION PLAN
COMMUNITY ENGAGEMENT SUMMARY

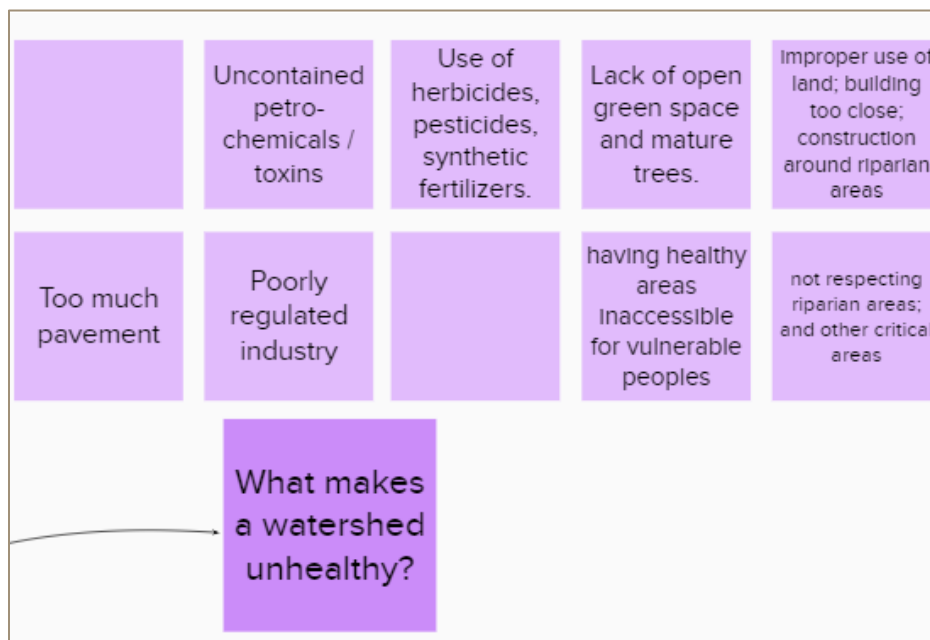
		<p>Litter and human waste related to homeless encampments</p> <p>Lots of trash due to littering from streets, highways</p> <p>Paper survey has a circle drawn over the i-5 + hwy 16 interchange area, Tacoma Mall area, and the neighborhoods east of the mall. Note "here is litter here"</p>	between 16th to 21st Street		
Flett Creek	Groundwater contamination	84th between Alaska + Hosmer on the N side, w bound traffic	Add to Fernhill trees and planting to help reduce calm traffic	Flooding on EG btw S. 84th-86th. Sidewalks, trees, so much trash - fast food, etc. I don't want trees blocking my view of Mt. Rainier	
North Tacoma	Remove pavement and plant more trees				

APPENDIX F: WORKSHOP MURAL BOARDS

Discussion Topic #1



CLOSE-UPS OF DISCUSSION TOPIC #1



education - provide access to healthy spaces will help with health of watersheds - transportation to get to these spaces is needed

Equity: bus fare is used for work transportation; difficult to spend it on recreation

green spaces are located in higher economic areas; easier access; not aware of lack of healthy/green spaces in lower socio economic spaces

push for more affordable housing; concerned about for profit development - leadership needs to stand up and say no

Environmental justice issues: \$ for redevelopment is tied to prop values; hard to get those to occur to low income areas

GMA pushed by transit and driving building production - need more synergy between different agencies

What connections or relationships do you see between healthy watersheds and healthy neighborhoods?


Discussion Topic #2

1


Discussion Topic #2

Watershed Characteristics Discussion


Question 1: Rank your top three neighborhood characteristics or issues related to watershed health. Drag a star icon and place it next to the image of the issue that is most important or concerning to you or your community.




Amount of Flooding ★★




How easy it is to bike, walk, or roll ★




Lots of trees ★




★★ Air quality ★




★★ Cleanliness of streams, ponds, lakes, and beaches ★




Protection of natural habitat areas ★




★ More plants, less pavement ★




Reduced litter ★



Access to nearby parks and natural areas ★



★ Pet waste stations with trash cans ★



Birds, bees, and butterflies ★★ ★

Question 2: Are there any barriers around improving these issues that you have noticed or dealt with?

Clean Streams ponds, lakes and beaches	People believing there is actually a problem	People don't think they should pick up trash that "isn't theirs"	Illegal dumping	
	garbage and trash into the waters	Funding	Rain barrels	
	Time to clean it	Cost of waste services (garbage collection)		
Air Quality	People believing there is actually a problem			
	Electric vehicle costs			

Spanish Translation

5

Tema de Discusión #2

Discusión de las Características de la Cuenca Hidrográfica

Pregunta 1: Clasifique las tres características principales de su vecindario o problemas relacionados con la salud de la cuenca hidrográfica. Arrastre una estrella y colóquela junto a la imagen del problema que es más importante o que le preocupa más a usted o a su comunidad.



Cantidad de Inundaciones



Qué tan fácil es andar en bicicleta, caminar o rodar



Muchos árboles



Calidad del aire



Limpieza de arroyos, estanques, lagos y playas



Protección de áreas de hábitat natural



Más plantas, menos pavimento



Reducir Basura



Acceso a parques y áreas naturales cercanas



Estaciones de desechos de mascotas con botes de basura



Aves, abejas y mariposas