



Learn more about IP3 Strategy [here](#)

I ❤️ Storm Drains

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1. Impact Design

Impact Statement - If I take responsibility for regularly cleaning the storm drains in my neighborhood, then I will reduce the amount of trash that enters our stormwater system and pollutes our watershed.

Community Alignment	
Group	Goal/Action
<u>City of Kent Storm Drainage and Flooding Division</u>	The City of Kent's Storm Drainage section operates and maintains the stormwater infrastructure by protecting our environment; reducing flooding to protect people and property, reducing demand on public stormwater drainage systems, supporting healthy streams and rivers; and cultivating healthier, more sustainable communities.
<u>King County Water and Land Resources Division</u> - Protects public health and safety of county residents through natural resource management.	Encourages residents to do their part to reduce stormwater pollution and Combined Sewer Overflow (CSO) events through <u>simple action steps</u> and educates them on the <u>science of stormwater</u> . <u>What's a CSO?</u> Check it out!
<u>National Pollutant Discharge Elimination System</u> - Protects waterway quality nationally.	The National Pollutant Discharge Elimination System is a permit based water quality program implemented under the authority of the Federal Clean Water Act, enacted by Congress in 1972. The primary goal of NPDES is to reduce the amount of pollution that reaches streams, lakes, wetlands, oceans, and all other water bodies by regulating stormwater runoff. Kent complies with NPDES by maintaining a current <u>Western Washington Phase II Municipal Stormwater Permit</u> administered by the Washington State Department of Ecology. The permit requires the City to implement a Stormwater Management Program that has 8 major components, including public involvement

Procedure - *Steps for implementation!*

1. Walk around my neighborhood and take photos of at least 5 storm drains.
2. Make notes of cars covering storm drains, trash, leaves, and more to see what's impacting the drains! Develop a clear protocol for categorizing the conditions of the storm drains. Example: Rate them 1-5, where 1 is clean and functional and 5 is completely blocked with debris and trash).

3. Check [this map](#) to see when (and if!) my street gets swept by the city. Visit the drains to record data the day before and the day after a sweep if they come to my area. Keep track of my data from steps 2 and 3 in the data tracking section.
4. Adopt the drains near my residence! Check out [this cool website](#) to see if there are adoptable drains near me. Clean them as needed (sweep those leaves!) toss trash in trash bins, put organic matter in yard waste if able. Use the data tracking section to record what I find.
5. Communicate my impact to my stakeholders!

2. Impact Data Tracking - Quantify your impact!

Observed Storm Drain Conditions from 5 storm drains (rated 1-5, with 1 being squeaky clean and 5 being dirty and blocked), city street sweepers do not come through this area.

#1 (139th St & Se 20st Ct)

#2 (140th Ave SE & SE 200th St)

#3 (138 Ave SE & SE 195 Ct)

#4 (Near Water Reservoir)

#5 (138 Ave SE & Se 200th St)

	Storm Drain 1	Storm Drain 2	Storm Drain 3	Storm Drain 4	Storm Drain 5
Day 1	1 – No plant debris or trash near storm drains Actions Taken - None	5 – Covered in plastic bottles and soda cans as well as plants Actions Taken – Cleared trash and plant debris	1 – Clean Actions Taken - None	4 – Covered in plant debris but no trash Actions Taken – Cleared away plant debris	3 – One piece of trash but otherwise clean Actions Taken – Picked up trash
Day 2	1 – No change from yesterday Actions Taken - None	1 – There hasn't been any trash or plant debris added since I cleaned yesterday Actions Taken - None	1 – Nothing changed from yesterday Actions Taken - None	2 – There was some more plant debris, but not as bad as yesterday Actions Taken – Cleared drain	3 – There was another Starbucks cup today. Maybe it's the same person? Actions Taken – Threw away the cup
Day 3	1 – Again nothing changed Actions Taken - None	2 – Some leaves fell from the tree over the drain Actions Taken – Cleared the leave	1 – Nothing changed from yesterday Actions Taken - None	1 – Nothings changed since I cleaned yesterday Actions Taken - None	1 – There hasn't been any more cups since yesterday Actions Taken - None

Day 4	<p>2 – Neighbor’s mowed and some grass got onto the drain, covering the grate</p> <p>Actions Taken – Cleared the debris</p>	<p>4 – No plant debris but someone tossed a plastic Starbucks cup onto the storm drain</p> <p>Actions Taken – Threw away cup</p>	<p>1 – The drain isn’t under a tree or near anyone’s lawn, so plant debris doesn’t get into it</p> <p>Actions Taken - None</p>	<p>4 – Some leaves and a candy wrapper</p> <p>Actions Taken – Cleared garbage and leaves</p>	<p>2 – Today there was some grass and leaves</p> <p>Actions Taken – Cleared the drain</p>
Day 5	<p>1 – This side of the road doesn’t have sidewalks so not many people approach this storm drain</p> <p>Actions Taken - None</p>	<p>1 – Nothings changed since I cleaned yesterday</p> <p>Actions Taken - None</p>	<p>1 – Same as yesterday</p> <p>Actions Taken - None</p>	<p>1 – Still clean</p> <p>Actions Taken - None</p>	<p>1 – Still clear of trash and debris</p> <p>Actions Taken – None</p>
Day 6	<p>1 – No change</p> <p>Actions Taken - None</p>	<p>5 – More leaves fell and there were 2 cans</p> <p>Actions Taken – Cleared leaves and recycled the cans</p>	<p>1 – Storm drain is situated at the top of a very steep hill so any cans that get dropped would roll down the hill and not into this drain</p> <p>Actions Taken - None</p>	<p>2 – Some more leaves fell (it was windy last night)</p> <p>Actions Taken – Picked up the leaves</p>	<p>3 – Another cup</p> <p>Actions Taken – Threw away the Starbucks cup</p>
Day 7	<p>2 – The other neighbor’s mowed</p> <p>Actions Taken - None</p>	<p>3 – There were blue latex gloves</p> <p>Actions Taken – Threw away gloves</p>	<p>1 – Same as yesterday</p> <p>Actions Taken - None</p>	<p>1 – Nothing has changed since yesterday</p> <p>Actions Taken - None</p>	<p>1 – Thankfully, no one has thrown another cup onto the storm drain</p> <p>Actions Taken - None</p>

I prevented nine pieces of trash from going down the drain and entering my watershed.

3. Impact Storytelling - Share your data with who needs to know! See more [tips](#)

Think on 4 scales of stakeholders... Family, School, Community, and Aligned Groups

Stakeholder	Interests	Approach
Family — Mom	Walking and spending time with me	Family Conversation: I can convince her to go on weekly walks with me to clean up storm drains around our neighborhood.
School - Kent-Meridian High School		<p>Storyboard:</p> <p>Video 1</p> <ul style="list-style-type: none"> - Walk through my neighborhood and clean storm drains <ul style="list-style-type: none"> - Zoom in on trash/be over the top about finding it - Voiceover with story (vlog-ish vibe) - “Other than poor visual appearance there are many negative impacts of trash in our storm drains, let’s get into them in the next video” <p>Video 2</p> <ul style="list-style-type: none"> - Talk about impact of trash in storm drains on environment - Go over data <ul style="list-style-type: none"> - There were (how ever much trash) in these many storm drains (people spent money to hurt salmon) - “What would happen if each of us cared for only 5 drains in our neighborhoods” <p>Video 3</p> <ul style="list-style-type: none"> - Talk about my impact and how much more could be done if everyone chose 5 storm drains in their neighborhood to take care of <ul style="list-style-type: none"> - Voiceover (this wouldn’t be happening) - Follow trash downstream in Soos Creek (b-roll) - End on a strong note
Community — Local Rotary Chapter	Protecting Kent	Volunteer Opportunities: Organize a day when volunteers can be assigned to a certain neighborhood and clean storm drains in that area. Could be monthly?
Aligned Groups — City Council	Environmental Health	Public Comment: I can share my story through a public comment and focus on how easy it is to clean storm drains and how a small amount of time was able to keep a significant amount of trash out of the ecosystem.

Add your project to our website under “[Submit your Impact](#)”! Contribute to collective impact...