



Water Quality Program

Permit Submittal Electronic Certification

Permittee: KIRKLAND CITY

Permit Number: WAR045521

Site Address: 123 5TH AVE
KIRKLAND, WA 98033

Submittal Name: MS4 Annual Report Phase II Western

Version: 1

Due Date: 3/31/2024

Questionnaire

Number	Permit Section	Question	Answer
1	S5.A	Attach a copy of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.D.6.	Not Applicable
2	S5.A	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)	SWMP2024_Final_compressed_2_03222024091519
3	S5.A	Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.	Yes
4	S5.A.5.b	Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)	Yes
5	S5.C.1.	Have you convened an interdisciplinary team to inform and assist in the development, progress, and influence of the comprehensive stormwater planning program? (S.5.c.1). August 1, 2020	Yes
14	S5.C.1.b	Did you submit a report as described in S5.C.1.b.i(b)? (Required to submit no later than January 1, 2023)	Yes
15	S5.C.1.c	Continue to design and implement local development-related codes, rules, standards, or other enforceable documents to minimize impervious surfaces, native vegetation loss, and stormwater runoff, where feasible? See S5.C.1.c.i. (Required annually)	Yes
16	S5.C.1.c	From the assessment described in S5.C.1.c.i (a), did you identify any administrative or regulatory barriers to implementation of LID Principles or LID BMPs? (Required annually)	No
20	S5.C.2	Did you choose to adopt one or more elements of a regional program? (S5.C.2)	Yes

20a	S5.C.2	If yes, list the elements, and the regional program.	1. Puget Sound Starts Here (PSSH) pet waste bus ads 2. Puget Sound Starts Here (PSSH) Don't Wait to Inflate digital social media campaign via YouTube, Facebook. Ads presented in English, Spanish, Vietnamese, and Korean. Focused on proper tire inflation to reduce tire wear particles. 3. Participation on both the Puget Sound Starts Here Steering Committee and the Stormwater Outreach for Regional Municipalities (STORM) Steering Committee. 4. Implementation of the regional dumpster lid behavior change campaign. 5. Participation in the WSC Statewide E&O Advisory Committee.
21	S5.C.2	Attach a description of general awareness efforts conducted, including your target audiences and subject areas, per S5.C.2.a.i.	21 - general awareness_final_21_03222024101415
24	S5.C.2	Began implementing strategy outlined in S.5.C.2.a.ii(c) (S5.C.2.a.ii(d) – Required by April 1, 2021)	Yes
25	S5.C.2	Attach the report developed in accordance with S5.C.2.a.ii(e), which evaluated the changes in understanding and adoption of targeted behaviors resulting from the implementation of the strategy and any planned or recommended changes to the program in order to be more effective. (Required no later March 31, 2024)	2024 Final Effectiveness Evalu_25_03222024093158
26	S5.C.2	Promoted stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.2.a.iii.	Yes
26a	S5.C.2	Attach a list of stewardship opportunities provided.	26a - stewardship opportunitie_26a_03222024093159

27	S5.C.3.	Describe in Comments field the opportunities created for the public, including overburdened communities, to participate in the decision-making processes involving the development, implementation, and updates of the Permittee's SWMP and the SMAP. (S5.C.3.a)	Opportunity is provided for public input regularly. Interested parties can provide feedback at any time at Kirkland's online reporting portal, Our Kirkland. Our various plans are posted to Kirkland's website, comments are requested via twitter, Facebook, e-newsletter, and press release. Google translate is now available for nine languages on the City of Kirkland website.
28	S5.C.3.	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.3.b)	Yes
28a	S5.C.3.	List the website address in Comments field.	https://www.kirklandwa.gov/Government/Departments/Public-Works-Department/Storm-Surface-Water/Stormwater-Policies-and-Regulations
29	S5.C.4.	Maintained a map of the MS4 including the requirements listed in S5.C.4.a.i-vii?	Yes
30	S5.C.4.	Started mapping outfall size and material in accordance with S5.C.4.b.i? (Required no later than January 1, 2020)	Yes
30a	S5.C.4.	Attach a spreadsheet that lists the known outfalls' size and material(s).	Q30a_CityofKirkland_Outfalls_30a_03222024145754
31	S5.C.4.	Completed mapping connections to private storm sewers in accordance with S5.C.4.b.ii? (Required no later than August 1, 2023)	Yes
33	S5.C.5	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste? (S5.C.5.b)	Yes
33a	S5.C.5	Actions taken to inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.	<ul style="list-style-type: none"> •City trains Police, Fire, Parks, and Planning (including Code Enforcement), Construction Inspectors, and all utility staff. Online training is deployed for all staff and audience specific training for Fire and Police. Hands-on IDDE and Spill Awareness training was also provided for all Public Works Maintenance Employees. •Other education that focuses on IDDE

			<p>messaging include the installation of an eco-friendly, pollution prevention sidewalk art/ message that appears when exposed to water (rain storms) (Rainworks) installed at 132nd Square Park, a free spill kit training and delivery program, and a targeted pet waste management program (see education and outreach for more details)</p> <ul style="list-style-type: none"> •IDDE Staff co-presented at 2023 Washington State Municipal Stormwater Conference. Topics included Multi-Jurisdictional Hands-On Spill Response IDDE and Source Control Inspection Program with a focus on customer communication. •IDDE Staff communicated with vendors attending twenty different special events on Stormwater Pollution Prevention and Kirkland Municipal Code requirements. •City provides information to general public through BMP info cards, Facebook posts, spring utility bill insert highlighting pollution prevention spring cleaning activities and encouraging customers to take the Kirkland Clean Water Pledge (367 pledges received), residential pollution prevention postcards (1,583 cards sent), fall utility bill insert highlighting fall leaves/winter prep and trainings. City trucks and van are wrapped with spill messaging and hotline advertisement.
34	S5.C.5	Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in S5.C.5.c.	Yes

35	S5.C.5	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.5.d.i.	Yes
35a	S5.C.5	Cite field screening methodology in Comments field.	Kirkland's methodology is based on the permit referenced manual, the 2020 IDDE Field Screening & Source Training Manual, locally adapted to Kirkland.
36	S5.C.5	Percentage of MS4 coverage area screened in the reporting year per S5.C.5.d.i. (Required to screen 12% on average each year.)	44
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened.	City of Kirkland Stormwater staff screen the MS4 through catch basin inspections. All catch basins in the city are inspected every two years. These inspections are tracked in our asset management system. During each inspection, the staff are observing the structural integrity of the structure and adjoining pipes, sediment accumulation levels, and if there is any unusual flow, odor, color, or other visual indicators that would suggest a pollutant is present. If there is a water quality concern, the staff will then report a spill through the spill hotline and create a spill response work order. This will trigger notification to the Water Quality Team for investigation and follow up and the Storm Maintenance Crew to clean the storm catch basin, as well as other storm structures that have been affected.
37	S5.C.5	Percentage of total MS4 screened from permit effective date through the end of the reporting year. (S5.C.5.d.i.)	100

38	S5.C.5	Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (S5.C.5.d.ii)	The Kirkland spill hotline continues to be publicized in a variety of ways, including: surface water web pages, presentations and educational events to public and staff, stickers that are handed out at the counter and at public events, on some staff business cards and email signatures, during discharge response education, annual winter preparedness utility bill insert, BMP rack cards, residential pollution prevention postcards, business pollution prevention guide, Kirkland's Erosion and Sedimentation Control Plans and notes, and Kirkland's public facing service request portal.
39	S5.C.5	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.5.d.iii.	Yes
40	S5.C.5	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.5.e.	Yes
41	S5.C.5	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.5.f.	Yes
42	S5.C.5	Attach a report with data describing the actions taken to characterize, trace, and eliminate each illicit discharge reported to, or investigated by, the Permittee as described in S5.C.5.g. The submittal must include all of the applicable information and must follow the instructions, timelines, and format described in Appendix 12.	WAR045521-2023-ImportedIDDEs_03222024094507
43	S5.C.6.	Implemented an ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of S5.C.6.b.i-iii.	Yes
45	S5.C.6.	Number of adjustments granted to the minimum requirements in Appendix 1. (S5.C.6.b.i. and Section 5 of Appendix 1)	2
46	S5.C.6.	Number of exceptions/variances granted to the minimum requirements in Appendix 1. (S5.C.6.b.i., and Section 6 of Appendix 1)	0
47	S5.C.6.	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.6.b.i. (S5.C.6.c.i)	Yes
47a	S5.C.6.	Number of site plans reviewed during the reporting period.	887

48	S5.C.6.	Inspected, prior to clearing and construction, permitted development sites per S5.C.6.c.ii, that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 – Determining Construction Site Sediment Damage Potential?	No
48a	S5.C.6.	If no, inspected, prior to clearing and construction, all construction sites meeting the minimum thresholds (S5.C.6.c.ii)?	Yes
49	S5.C.6.	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls per S5.C.6.c.iii.	Yes
49a	S5.C.6.	Number of construction sites inspected per S5.C.6.c.iii.	583
49b	S5.C.6.	Inspected stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments every 6 months per S5.C.6.c.iv?	Yes
50	S5.C.6.	Inspected all permitted development sites upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.6.c.v)	Yes
51	S5.C.6.	Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects prior to final approval and occupancy being granted. (S5.C.6.c.v)	Yes
52	S5.C.6.	Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.6.c.ii-iv) (S5.C.7.c.viii)	18
53	S5.C.6.	Achieved at least 80% of scheduled construction-related inspections. (S5.C.6.c.vi)	Yes
54	S5.C.6.	Made Ecology's Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity available to representatives of proposed new development and redevelopment? (S5.C.6.d)	Yes
55	S5.C.6.	All staff whose primary job duties are implementing the program to control stormwater runoff from new development, redevelopment, and construction sites including permitting, plan review, construction site inspections, and enforcement are trained to conduct these activities? (S5.C.6.e)	Yes
56	S5.C.7.	Implemented maintenance standards that are as protective, or more protective, of facility function than those specified in the Stormwater Management Manual for Western Washington or a Phase I program approved by Ecology per S5.C.7.a.?	Yes

58	S5.C.7.	Applied a maintenance standard for a facility or facilities which do not have maintenance standards specified in the Stormwater Management Manual for Western Washington? If so, note in the Comments field what kinds of facilities are covered by this alternative standard. (S5.C.7.a)	Yes
58a	S5.C.7.	Note what kinds of facilities are covered by this alternative standard. (S5.C.7.a)	Contech Filterra, Biopod
59	S5.C.7.	Verified that maintenance was performed per the schedule in S5.C.7.a.ii when an inspection identified an exceedance of the maintenance standard.	Yes
59a	S5.C.7.	Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control.	Not Applicable
60	S5.C.7.	Implemented an ordinance or other enforceable mechanisms to verify long-term operation and maintenance of stormwater treatment and flow control BMPs/facilities regulated by the permittee per (S5.C.7.b.i (a))?	Yes
61	S5.C.7.	Annually inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.7.b.i(b)	Yes
61a	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.b.i (b)	Not Applicable
62	S5.C.7.	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.7.b.ii)	Yes
63	S5.C.7.	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)	Yes
63a	S5.C.7.	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)	797
63b	S5.C.7.	Number of facilities inspected during the reporting period.	797
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period.	229
64	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.c.i.	Not Applicable
65	S5.C.7.	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.7.c.ii.	Yes
66	S5.C.7.	Inspected municipally owned or operated catch basins and inlets every two years or used an alternative approach? Cleaned as needed? (S5.C.7.c.iii)	Yes
66a	S5.C.7.	Number of known catch basins?	16668
66b	S5.C.7.	Number of catch basins inspected during the reporting period?	7340
66c	S5.C.7.	Number of catch basins cleaned during the reporting period?	2506
67	S5.C.7.	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.7.c.iii.(a)-(c))	Not Applicable

68	S5.C.7.	Implemented practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.7.d)	Yes
70	S5.C.7.	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.7.e)	Yes
71	S5.C.7.	Implemented a Stormwater Pollution Prevention Plan (SWPPP) for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under an NPDES permit that covers stormwater discharges associated with the activity. (S5.C.7.f)	Yes
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.)	Yes
74a	S5.C.8	Number of total sites identified for the inventory.	847
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023).	Yes
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023).	Yes
77	S5.C.8	Attach a summary of actions taken to implement the source control program per S5.C.8.b.iii and S5.C.8.b.iv.	Q77. Summary of Actions for So_77_03222024101155
78	S5.C.8	Attach a list of inspections, per S5.C.8.b.iii, organized by the business category, noting the amount of times each business was inspected, and if enforcement actions were taken.	2023 Source Control Inspection_78_03222024101155
79	S5.C.8	Implemented an ongoing source control training program per S5.C.8.b.v?	Yes
80	S7	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)	Not Applicable
81	S7	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A)	Not Applicable
82	S8	Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2019 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a.)	Yes
84	S8	Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2019 (S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)?	Yes
87	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, attach a data and analysis report per S8.C.1. and Appendix 9. (Due annually beginning March 31, 2021.)	Not Applicable

88	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3)	Yes
89	G3	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
90	Compliance with standards	Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1)	Yes
91	Compliance with standards	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.	Not Applicable
92	Compliance with standards	Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)	Not Applicable
93	G20	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)	Not Applicable
94	G20	Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field.	Not Applicable

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Julie Underwood

4/1/2024 8:36:37 AM

Signature

Date



2024 NPDES STORMWATER MANAGEMENT PROGRAM PLAN

Finalized March 2024



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1. Introduction

The Purpose of the Stormwater Management Program Plan

This document constitutes the City of Kirkland 2024 Stormwater Management Program (SWMP) Plan as required to be annually updated under condition S5.A.2 of the Western Washington Phase II Municipal Stormwater Permit (the Permit). The purpose of the document is to detail actions that the City of Kirkland proposes to take between January 1, 2024 and December 31, 2024 to maintain compliance with conditions in the Permit.

The NPDES Program

The National Pollutant Discharge Elimination System (NPDES) is a program created under the Federal Clean Water Act with the intent of protecting and restoring water quality in lakes and streams so they can support “beneficial uses” such as fishing and swimming. Governmental and private entities wishing to discharge water or wastewater to surface waters regulated by the Federal Government (Waters of the US) must obtain permits and comply with certain conditions or face fines and other penalties. NPDES permits have been written for discharges from construction sites, concentrated animal feeding operations, industrial activities, publicly-owned wastewater treatment plants, and municipal stormwater systems.

In Washington State, the US Environmental Protection Agency has delegated the authority over NPDES permits to the Washington State Department of Ecology (Ecology). Ecology has issued several general permits for discharges from stormwater systems that apply to municipalities with different sizes of populations and locations different regions of the State (Eastern and Western Washington). Phase I refers to municipalities with a population of greater than 100,000, and Phase II to those with a population of less than 100,000 according to the 1990 census.

The Western Washington Phase II Municipal Stormwater Permit

Kirkland has been identified as a Phase II municipal stormwater permittee and therefore must establish a stormwater program that complies with conditions in the Western Washington Phase II Municipal Stormwater Permit. The Permit allows municipalities to discharge stormwater from systems it owns and operates into “waters of the state” such as rivers, lakes, streams, and ground water as long as they implement programs to reduce pollutants in stormwater to the “maximum extent practicable.” To do this, permittees must conduct programs and activities in the following program areas:

- ◆ Stormwater Planning
- ◆ Public Education and Outreach
- ◆ Public Involvement and Participation
- ◆ Stormwater System (MS4) Mapping and Documentation
- ◆ Illicit Discharge Detection and Elimination
- ◆ Controlling Runoff from New Development, Redevelopment, and Construction Sites
- ◆ Municipal Operations and Maintenance
- ◆ Source Control for Existing Development
- ◆ Monitoring and Assessment

The SWMP Plan must be prepared and submitted annually and must contain the planned actions and activities that will be used in the reporting year to maintain compliance with the Permit. In addition, the Permit requires the City to submit an Annual Compliance Report by March 31st of each year that details actions taken in the previous year to achieve compliance. The full text of the Permit can be viewed at: <https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Municipal-stormwater-general-permits/Western-Washington-Phase-II-Municipal-Stormwater>.

Permit History and Implementation

The original Western WA Phase II Permit was valid for 5 years, from February 17, 2007 to February 15, 2012, and allowed for phased implementation of stormwater management programs and actions. In 2012, Ecology reissued this Permit and extended the schedule to July 31, 2013 with no new permit conditions.

The second Permit became effective on August 1, 2012 and was modified on January 16, 2015. It was originally effective until July 31, 2018 and was extended until July 31, 2019. It required continued compliance with the substantial conditions of the previous Permit. It also allowed for phased implementation of new requirements over the permit cycle.

The current Permit became effective on August 1, 2019 and is set to expire July 31, 2024. As with past Permits, it requires continued compliance with the established substantial conditions and allows for phased implementation of new requirements. The table on pages 4-5 provides an overall schedule timeline including implementation due dates. Kirkland continues to be in position to meet deadlines and maintain full Permit compliance.

Kirkland anticipates a new permit will become effective on August 1, 2024. Draft permit language has been provided to the permittee community for their review and comment. Kirkland is preparing their stormwater management program for on-going compliance with the draft permit language. This plan will be updated if changes are needed to maintain compliance after final permit language is released.

Current and Planned Activities

The SWMP Plan describes a set of actions and activities implemented to maintain permit compliance. The Plan is organized to address the program components noted in Condition S5.C of the Permit.

The following sections of the SWMP Plan describe how Kirkland is currently meeting the requirements of the Permit, and how the City plans to continue to meet those requirements in 2024.

Kirkland does not currently operate their stormwater system in a location where a Total Maximum Daily Load (TMDL) Plan has been approved, thus TMDL (S7) compliance requirements have not been included in this plan.

Coordination and Responsibilities

Compliance with the Permit requires coordination and documentation of activities in several City departments. The Public Works Department Surface Water Utility staff (Surface Water staff) will coordinate City efforts and will meet with staff from other departments regularly to verify that current and planned activities meet Permit requirements. Activities required for Permit compliance will be carried out by the Public Works, Information Technology, Planning and Building, Parks, City Manager's Office (City Attorney), Finance, Fire, and Police Departments.

The Surface Water Utility – Other Activities

This SWMP Plan details actions and activities that fall under the purview of the Permit. Stormwater management is one part of the City's overall surface water management strategy as coordinated by the Surface Water staff.

The Surface Water Utility conducts a suite of related programs that reduce flooding, protect and improve water quality, inspect and maintain infrastructure, and protect and restore aquatic habitat in the City's streams and lakes. Although not directly required by the Permit, Kirkland's flood reduction and aquatic habitat restoration efforts further our stormwater management goals.

Kirkland's most recent Surface Water Master Plan (Master Plan) was adopted in early 2023. The Master Plan sets priorities and recommends projects, programs, and rates to support the utility over the next 5-10 years. The update included extensive public involvement in the form of presenting at public meetings, mailings, and online information and outreach.

Table 1: Permit Deadlines

Permit Section	Requirements	Year (by Qtr) Deadline	2019		2020				2021				2022				2023				2024		
			3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	
S5.A.	Stormwater Management Program Plan																						
	Update SWMP Annually	3/31/2020			X					X					X					X			X
	Continue to track SWMP costs	ongoing																					
S5.C.1.	Stormwater Planning																						
	Convene inter-disciplinary team	8/1/2020					X																
	Respond to Stormwater Annual Report questions for 2013-2019 permit cycle	3/31/2021								X													
	Respond to Stormwater Annual Report questions for current permit cycle	1/1/2023																		X			
	Assess barriers to LID implementation	annually																					
	Complete Receiving Water Assessment	3/31/2022													X								
	Complete Receiving Water Prioritization	6/30/2022														X							
	Develop Stormwater Management Action Plan	3/31/2023																		X			
S5.C.2.	Public Education and Outreach																						
	Continue education and outreach program	ongoing																					
	Evaluate existing program or adopt new program	7/1/2020					X																
	Evaluate program and use resulting measures to make changes to increase effectiveness	3/31/2024																					X
	Create or partner with existing organizations to create stewardship opportunities	ongoing																					
S5.C.3.	Public Involvement and Participation																						
	Ongoing public participation in SWMP development, post annual report and SWMP on Kirkland website (May 31st)	Annually post by May 31st				X				X					X					X			X
S5.C.4.	MS4 Mapping and Documentation																						
	Continue GIS-based mapping program. Collect additional data of outfall size and material (1/1/2020) and connections from MS4 to private systems. (8/1/2023)	ongoing																					
S5.C.5.	Illicit Discharge Detection and Elimination (IDDE)																						
	Continue implementing the enforceable mechanism to prohibit illicit discharges.	ongoing																					
	Respond to spills and illicit connections into the MS4	ongoing																					
	Continue municipal staff training, IDDE response, and citizen reporting hotline	ongoing																					

Permit Section	Requirements	Year (by Qtr) Deadline	2019		2020				2021				2022				2023				2024	
			3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
S5.C.6.	Control Runoff from New Development, Redevelopment, and Construction Sites																					
	Continue program addressing construction and post construction runoff controls	ongoing																				
	Continue plan review, inspection, and enforcement of standards for new and redevelopment	ongoing																				
	Adopt and implement revised stormwater development codes to reduce impervious surface, protect vegetation, and minimize stormwater runoff	6/30/2022													X							
S5.C.7	Municipal Pollution Prevention, Operation, & Maintenance																					
	Continue to annually inspect all SW treatment and flow control BMPs/facilities. Inspect and, if needed, clean all catch basins every 2 years	ongoing																				
	Update maintenance standards	6/30/2022													X							
	Document policies, procedures, and practices that reduce stormwater impacts from municipal lands.	12/31/2022															X					
S5.C.8	Source Control for Existing Development																					
	Adopt and implement code that requires pollution prevention source control BMPs for pollution generating activities/lands	8/1/2022															X					
	Establish inventory of sites that have the potential to generate pollutants to the stormwater system	8/1/2022															X					
	Implement inspection program of these sites. Provide inspections equal to 20% of sites annually.	1/1/2023																	X			
	Implement progressive enforcement policy to require sites to comply	1/1/2023																	X			
S8	Monitoring and Assessment																					
	Participate in and pay annually into Regional Monitoring efforts	Pay annually by August 15th	X				X				X				X					X		
S9	Reporting																					
	Submit 2019 Annual Report	3/31/2020			X																	
	Submit 2020 Annual Report	3/31/2021							X													
	Submit 2021 Annual Report	3/31/2022											X									
	Submit 2022 Annual Report	3/31/2023															X					
	Submit 2023 Annual Report	3/31/2024																				X

Stormwater Planning

Stormwater Planning is a new section of the Permit (Section S5.C.1) that requires Kirkland to enhance its existing stormwater planning efforts and is designed to inform and assist in the development of policies and strategies as water quality management tools in order to protect receiving waters. Receiving waters are defined as the natural or reconstructed naturally occurring surface water bodies, such as creeks, streams, rivers, wetlands, or groundwater, to which stormwater flows.

Kirkland has operated its stormwater system under a master plan since 1994. These master plans incorporate best available science, regulatory/permit requirements, staff expertise, and citizen input to direct the work of the City with regards to storm and surface water management. That plan is updated approximately every 5-10 years and is complementary to this SWMP Plan and the work of the Permit requirements.



Kirkland's Plan to Meet the Requirements of the Permit:

- ◆ **Interdisciplinary Team:** Kirkland has formed an inter-disciplinary team to inform and assist in the development, progress and influence of the Stormwater Planning Program. This team meets quarterly and is comprised of members from the Planning Department, Transportation Division, Capital Projects Division, Parks Department, and Surface Water staff. Members may vary based on current tasks of the team.
- ◆ **Coordination with Long Range Planning:** Kirkland exhibits strong internal coordination for long-range plan updates. The City will describe how stormwater management needs and protection/improvement of receiving water health are informing the planning update processes and influencing policies and implementation strategies through a series of annual report questions. These responses were due on March 31, 2021 for the timeframe of the 2013-2019 Permit and again on January 1, 2023 for the current 2019-2024 permit cycle.
- ◆ **Low Impact Development:** Kirkland continues to implement Low Impact Development (LID) code. LID shall remain the preferred and commonly used approach to site development as local development-related codes, rules, standards, and other enforceable documents are updated and revised. See our Low Impact Development website for more details: <https://www.kirklandwa.gov/Government/Departments/Development-Services-Center/Tools-and-Resources/Stormwater/LID>
 - Kirkland staff will assess and document any newly identified administrative or regulatory barriers to implementation of LID principles or LID BMPs and the measures developed to address the barriers.
- ◆ **Stormwater Management Action Plan:** Kirkland completed a Stormwater Management Action Plan for the Totem Lake catchment area in the Juanita Creek Watershed in early 2023. The plan can be found at this website: <https://www.kirklandwa.gov/files/sharedassets/public/v/1/public-works/surface-water/surface-water-master-plan/appendix-n-smap.pdf>
- ◆ **Record Keeping:** Kirkland will continue to track and maintain records of stormwater planning activities and summarize these activities in the Annual Compliance Report.
- ◆ **Departments Engaged:** Public Works, Planning, City Manager's Office, Parks, Communications

For details on Surface Water Utility activities not addressed in this SWMP, contact the Public Works Department at (425) 587-3800, by email at stormwater@kirklandwa.gov, or visit the [City website](#).

Public Education and Outreach

Kirkland provides and participates in a variety of stormwater education and outreach programs designed to build general awareness, reduce or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts, and encourage the public to participate in stewardship activities.

Kirkland's Plan to Meet the Requirements of the Permit:

- ◆ **Regional Participation:** Kirkland is an active participant and leader in regional education and outreach groups. Staff will continue to coordinate with other permittees in Western Washington through participation in the Stormwater Outreach for Regional Municipalities (STORM) and the North King County Stormwater Outreach Group (the SOGGies).
 - Kirkland participates in STORM's awareness campaign, Puget Sound Starts Here.
 - Kirkland is an active member on the steering committee for the behavior change campaign around dumpster management.
- ◆ **General Awareness Programs:** Kirkland will continue to provide general awareness education and outreach programs for a variety of target audiences, including program considerations for overburdened communities. Kirkland incorporates behavior change principles in its general awareness programs in order to promote not just education, but a change in behavior. Examples of programs include:
 - School outreach program for K-12 students to increase awareness of stormwater impacts on surface waters, including impacts from impervious surfaces.
 - Pet waste stations and educational signage throughout the city at parks and other locations. The City will supply these stations with dog waste bags.
 - Natural yard care education and outreach to teach residents how to care for their yards in environmentally friendly ways that are protective of water quality and that reduce stormwater runoff.
 - Education, technical assistance, and financial rebates to private property owners through the Yard Smart Rain Rewards program to control the flow of runoff from their property through Green Stormwater Infrastructure (GSI) installation including rain gardens, cisterns, and native landscaping.
 - Rebates and vouchers for private property owners to plant trees to help intercept and slow rainwater runoff.
 - [Online mapping portal](#) for property owners to explore and discover the LID facilities built on their properties and resources for maintenance support.
 - General awareness promotion through a variety of media including utility bill inserts, direct mail, direct outreach, social media, BMP cards, and fliers.
 - Continue to translate outreach materials into the top languages spoken in Kirkland. Examples of translation services: Kirkland's new website incorporates Google Translate, interpretation is available to all City staff over the phone for communication with residents, and translation of program materials for non-English speaking audiences.
 - The "What You Can Do For Clean Water" section of our website offers helpful information and suggested activities to prevent pollution in our stormwater. <https://www.kirklandwa.gov/Government/Departments/Public-Works-Department/Storm-Surface-Water/What-You-Can-Do-For-Clean-Water>.
 - Promote Kirkland's new online dashboard and interactive map of water quality and stream health data focused on raising general awareness about local watershed health and how it is impacted by stormwater runoff and individual actions.
- ◆ **Behavior Change Campaign:** Based on the results of the evaluation completed in 2020, Kirkland implemented a new behavior change campaign for the 2019-2024 Permit cycle.
 - **Dumpster management:** Kirkland continues local implementation of the regionally-developed Dumpster Management campaign, known as "Shut the Lid." This program supports commercial properties to change their behavior to consistently close their dumpster lids after each use through stickers, signage, and technical assistance. Kirkland prioritizes working with businesses with lids consistently observed to be open during baseline observations. In 2023, we continued observations on almost 50 containers and noted an overall lid closure rate over 70%



- ◆ **Stewardship Opportunities:** Kirkland will continue to provide stewardship opportunities for community members through various programs.
 - **Storm drain marking:** Volunteers mark neighborhood storm drains with labels stating, “Puget Sound Starts Here – Only Rain Down the Drain.” The purpose of these markers is to raise awareness regarding connection between our neighborhoods and local water bodies.
 - **Green Kirkland Partnership stewardship events:** The Green Kirkland Partnership is an alliance between the City of Kirkland, nonprofit partners, businesses and the community to restore and maintain more than 500 acres of natural areas in the City. Most of the restoration work is completed by our dedicated volunteers. The Green Kirkland mission is to restore and maintain healthy forested and natural parklands by building a supportive community that works together to protect Kirkland’s valuable natural resources for current and future generations. Achieving this involves training volunteers in restoration activities and providing support from restoration partners, contractors and skilled natural areas staff. The partnership’s activities include community-based restoration efforts such as replanting areas with native trees and invasive plant removal; as well as education, outreach and engagement with the community.
 - **Cross Kirkland Corridor Adopt-a-Trail:** Local volunteers have adopted quarter-mile segments of the corridor and pledged to remove litter twice per year. They also have the option of doing a yearly invasive plants removal project in their section. All 23 segments are currently adopted. Adopters include Kirkland neighborhood associations, businesses, individuals, families, and community service groups.
 - **Park pet waste stewards:** Volunteers keep existing pet waste stations stocked with bags and help monitor un-scooped pet waste in potential “hot spot” parks to gather baseline data for targeted education and outreach efforts.
 - **Water Watchers volunteers:** Water Watchers is a community-based water monitoring program operated by the Sno-King Watershed Council. Water Watcher volunteers in Kirkland monitor physical and chemical indicators of stream health on local creeks. Data collected by the volunteers helps inform the community regarding watershed health and supplement water quality data collected by City staff.
- ◆ **Record Keeping:** Kirkland will continue to track and maintain records of public education and outreach activities and summarize these activities in the Annual Compliance Report.
- ◆ **Departments Engaged:** Public Works, Parks Department, City Manager’s Office, Communications



Public Involvement

Kirkland is committed to providing ongoing opportunities for the public, including overburdened communities, to provide input into the development of this annual plan and into other initiatives and plans designed to improve water quality.

Kirkland's Plan to Meet the Requirements of the Permit:

- ◆ **Opportunities for Public Input:** The City welcomes comments from the public throughout the year.
 - To facilitate public comment, the City provides a contact number for residents to call on the customer service portal, Our Kirkland (<https://kirklandwa.qscend.com/ourkirkland>). The contact number is posted on Kirkland's stormwater webpage. Public comment can also be provided to City Council members at twice a month City Council Meetings.
 - Kirkland invites the public to review and comment on this Stormwater Management Program Plan annually. As with prior years, this year staff will post the draft plan to the City website. Feedback is solicited through a Press Release, promotion on City social media outlets- Twitter and Facebook, and through City e-newsletters.
 - Kirkland also seeks to involve the public in other stormwater management and clean water related decisions by engaging people during the planning and construction of stormwater infrastructure projects and during development of stormwater-related policy and master plans.
- ◆ **Accessibility:** Kirkland contracts with a language translation service. This verbal translation is available to all staff for communication with the public. Additionally, Kirkland's website features include an intuitive and visual based experience, as well as Google Translate. Computers are available at City Hall for customer service. Kirkland has been providing access to public meetings through virtual platforms and has continued this enhanced access as meetings have transitioned to hybrid settings.
- ◆ **Transparency:** Kirkland posts their annual Stormwater Management Program Plan and Annual Compliance Reports to our website each year before May 31st. These documents can be found on this website: <https://www.kirklandwa.gov/Government/Departments/Public-Works-Department/Storm-Surface-Water/Stormwater-Policies-and-Regulations>.
- ◆ **Record Keeping:** Kirkland will continue to track and maintain records of public involvement activities and summarize these activities in the Annual Compliance Report.
- ◆ **Departments Engaged:** Public Works, Planning and Building, City Manager's Office, Communications



Stormwater System (MS4) Mapping and Documentation

Kirkland maintains an internal and external facing GIS-based map of the stormwater system.

Kirkland's Plan to Meet the Requirements of the Permit:



- ◆ **Mapping:** Kirkland will continue to maintain and build on the existing map of the municipal stormwater system. This will include attributes of stormwater system outfalls with size and material, discharge points, receiving waters (other than groundwater), stormwater treatment and flow control BMPs/facilities owned and operated by the City, geographic areas that do not discharge stormwater to surface waters, tributary conveyances to all known outfalls and discharge points (24-inch diameter or larger), connections between other municipalities and public entities, all connections authorized after February 16, 2007, and all known connections from the MS4 to privately-owned stormwater systems. New mapping requirements in this permit are outfall size and material, started by January 1, 2020 and all known connections from the public stormwater system to a privately owned stormwater system, started by August 1, 2023.
 - Updating and managing GIS data is done according to documented procedures and quality control standards. Kirkland receives records drawings, including stormwater infrastructure, from development activities. These are field verified by Public Works staff prior to being integrated into the online GIS map.
 - Kirkland actively improves their maps by incorporating data that is gathered from field inspections (CCTV, catch basin inspection, IDDE, etc.) to progressively update and improve the accuracy of the stormwater system map.
 - This process builds the public and private stormwater treatment and flow control inspections lists. The inspections are performed under the Operations and Maintenance section of this Plan.
- ◆ **Transparency:** Kirkland maintains a public facing GIS- based interactive map of their stormwater system. The map can be found on this website: <http://maps.kirklandwa.gov>. Maps are available to Ecology and other permittees upon request in electronic format.
- ◆ **Record Keeping:** Kirkland will continue to track and maintain records of MS4 Mapping and Documentation activities and summarize these activities in the Annual Compliance Report.
- ◆ **Departments Engaged:** Public Works, Information Technology

Illicit Discharge Detection and Elimination (IDDE)

Kirkland’s Illicit Discharge Detection and Elimination (IDDE) program is designed to prevent contamination of surface water and groundwater by monitoring, tracking, and removing non-stormwater discharges into the stormwater drainage system.



Kirkland’s Plan to Meet the Requirements of the Permit:

- ◆ **Ongoing IDDE program to detect and address non-stormwater discharges and illicit connections:** The City’s on-going IDDE program is designed to characterize, trace the source, and eliminate illicit discharges, including spills and illicit connections, into the municipal stormwater system.
 - The City responds to and investigates all calls and reports regarding environmental concerns such as illegal dumping, spills, illicit discharges, and illicit connections.
 - Spills Hotline: 425-587-3900, is Kirkland’s hotline for reporting of spills, water quality concerns, and other illicit discharges and is publicized and operated as a 24-hour, 7-days a week hotline.
 - During regular business hours, calls are received and followed up on by Surface Water Engineering staff and the Storm Operations and Maintenance crew of Public Works.
 - After-hour calls are managed by Kirkland’s emergency dispatch and standby maintenance crews.
 - Kirkland investigates all calls received and records are kept of calls received and actions taken as a result of these calls.
 - The hotline is publicized on the City’s website, annual winter preparedness utility bill inserts, BMP rack cards, the business pollution prevention guide, Kirkland’s erosion and sedimentation control plans, business cards/ email signatures of select staff, and Kirkland’s public facing service request portal. The hotline is also promoted at presentations and educational events to the public and City staff, at discharge response outreach, and on stickers available at City Hall and public events.
 - Kirkland takes pride in our IDDE program response time. The Permit requires that all activities are performed at these minimum timelines:
 - Immediately respond to all illicit discharges which constitute a threat to human health, welfare, or the environment
 - Investigate within 7 days any potential illicit discharge
 - Initiate an investigation within 21 days for any suspected illicit connection
 - Use of a compliance strategy to eliminate illicit connections within 6-months
 - Documentation of IDDE procedures are detailed in the City’s IDDE Manuals, which are adapted from 2020 Illicit Connection and Illicit Discharge Field Screening & Source Training Manual.
 - Kirkland educates public employees, businesses, and the general public about illicit discharges and the hazards associated with improper disposal of waste through the Department of Ecology’s Pollution Prevention Assistance Program, King County Local Hazardous Waste Management Program, and general awareness campaigns. Kirkland also provides spill kits to businesses.

REPORT WATER POLLUTION

Call: (425) 587-3900

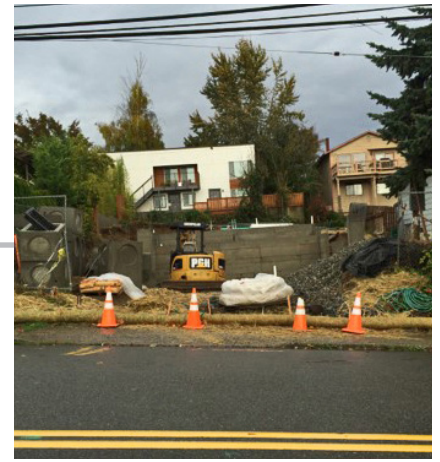
Kirkland Public Works Department
Surface Water Division

◆ Kirkland Municipal Code: 15.52.090 & 1.12.200: Illicit Discharge Detection and Elimination:

- Kirkland Municipal Code (KMC) 15.52.090 & 1.12.200 prohibits non-stormwater, illicit discharges into Kirkland's stormwater system and provides the regulatory authority and framework for enforcement. Kirkland code adopted the Permit definitions for allowable discharges and conditionally allowable discharges. These code sections are updated periodically to support the program.
- **Code Implementation:**
 - The on-going IDDE compliance strategy strives to achieve compliance initially through public education and technical assistance. When education, technical assistance, and voluntary correction agreements do not achieve compliance, KMC 1.12 and 15.52 provides for progressive enforcement.
 - Pollution discharged into the municipal storm drain system and/or surface and ground waters (illicit discharges) violates KMC 15.52 and subjects the violator(s) to fines and/or cleanup costs imposed by City and/or State agencies (KMC 1.12). Enforcement is only pursued if education has been initially provided.
- ◆ **MS4 Screening:** Kirkland has an on-going program to screen the stormwater system for potential sources of non-stormwater discharges and illicit connections. Kirkland performs this screening through catch basin inspection. During each inspection, staff are observing the structural integrity of the catch basin and adjoining pipes, sediment accumulation levels, and if there is any unusual flow, odor, color, or other visual indicators that would suggest a pollutant is present. If there is a water quality concern, the staff will then report a spill through the spill hotline. This will trigger notification to the storm maintenance crew to respond and maintain storm structures affected and the water quality team for further investigation and follow up.
 - The City field screens on average at least 12% of the stormwater system each year and annually tracks the percentage screened as well as the total percentage screened beginning August 1, 2019.
- ◆ **Training:** Kirkland has an on-going training program for city staff, including field staff, on the identification, reporting, and response to illicit discharges into the municipal stormwater system. Additionally, Kirkland ensures that all IDDE response staff is trained on the characterization, source tracing, and elimination of illicit discharges, including spills and illicit connections, into the stormwater system. Kirkland provides this training through a combination of on-line and possibly in-person training.
- ◆ **Record Keeping:** Kirkland will continue to track and maintain records of illicit discharge detection and elimination activities and summarize these activities in the Annual Compliance Report and as required by Appendix 12 of the Permit.
 - Kirkland will maintain their own internal data tracking system and will import data periodically into Ecology's Water Quality Web IDDE portal. Data upload into this system began in 2020.
- ◆ **Departments Engaged:** All City departments- Public Works, Planning and Building, City Manager's Office, Communications, Information Technology, Parks, Fire, Police

Controlling Runoff from New Development, Redevelopment and Construction Sites

Kirkland reviews development plans and inspects development sites during construction to ensure erosion and sediment control best management practices are in place and stormwater facilities are installed and maintained as designed. In addition, the City requires the use of Low Impact Development stormwater practices and principles. Kirkland plans to carry forward these policies and approaches in 2023.



Kirkland's Plan to Meet the Requirements of the Permit:

- ◆ **Ongoing Program: Stormwater Management Standards for Development, Redevelopment, and Construction Sites.** The program applies to private and public development, including transportation projects.
 - Kirkland Municipal Code Chapter 15.52 addresses runoff from new development, redevelopment and construction sites and provides authority to inspect and enforce adopted standards.
 - Kirkland adopted the 2021 King County Surface Water Design Manual effective July 1, 2022. These stormwater design standards are equivalent to the minimum technical requirements in Appendix 1, as required by the Permit.
 - In addition to the King County Surface Water Design Manual, Kirkland has adopted an addendum of pre-approved plans and designs for site development. These policies are reviewed and updated annually. They can be found at this website: <https://www.kirklandwa.gov/Government/Departments/Development-Services-Center/Tools-and-Resources/Pre-Approved-Plans/Storm-Drainage-Pre-Approved-Plans>.
 - Kirkland will continue to track the number of adjustments granted to the minimum requirements in Appendix 1. Kirkland does not currently grant exceptions or variances.
- ◆ **Review Plans and Inspect Development/Redevelopment Sites**
 - Kirkland implements a program (permitting process) to review plans, inspect sites during construction, and take enforcement action against those failing to follow approved guidelines or to provide facilities as required during plan review. This program ensures proposed development projects comply with the adopted Surface Water Design Manual.
 - The City's cross-departmental permitting process includes civil/site plan review and approval process, inspection, and enforcement to meet standards established by the permit for all qualifying new and redeveloped sites. This established approach will carry forward in 2023. The City's oversight of new and redevelopment projects occurs in phases: (1) prior to construction during the plan review and acceptance process; (2) before the site is cleared during an initial site construction inspection; (3) during construction via construction site inspections; and (4) post construction as part of the stormwater infrastructure acceptance inspection. Proposals for public and private projects are reviewed by City engineers or qualified engineering firms for compliance with Kirkland's standards, including LID requirements. City staff inspect qualifying public and private construction sites on a continuous basis to ensure that the proper temporary erosion and sediment control measures have been selected, properly placed, and installed correctly.
 - City inspectors also inspect the stormwater drainage system that can potentially be impacted by home construction activity. This occurs, at a minimum, every six months until 90% of the lots have been built out, or when construction has stopped, and the site is stabilized. If facilities and stormwater conveyance require cleaning during home construction, responsible parties perform maintenance/cleaning.
 - Kirkland inspectors have the authority to enforce Kirkland Municipal Code 15.52, using corrective action notices and stop work orders, to ensure the protection of receiving waters from construction impacts.
- ◆ **Notice of Intent:** Kirkland will continue to provide copies of or links to the "Notice of Intent for Construction Activity" and "Notice of Intent for Industrial Activity" to applicants as part of the development and redevelopment permit process.

◆ Training

- Staff continues to increase their knowledge by remaining current with new/revise stormwater regulations, along with attending internal and external trainings on erosion control, LID techniques, stormwater design models, standards, and practices.
- Through the Developer's Forum and associated listserv, Kirkland provides the development community and the public with information and updates on proposed changes to stormwater design requirements, codes, processes and procedures.

◆ Record Keeping: Kirkland will continue to track and maintain records of actions related to controlling runoff from development, redevelopment, and construction sites and summarize these activities in the Annual Compliance Report.**◆ Departments Engaged:** Public Works, Planning and Building

Operations and Maintenance

Kirkland has a robust Operations and Maintenance (O&M) program that ensures the stormwater system is inspected and maintained in a manner that prevents or reduces potential impacts to stormwater drainage and receiving waters.

Kirkland's Plan to Meet the Requirements of the Permit



- ◆ **Maintenance Standards:** Kirkland implements maintenance standards from the King County Surface Water Design Manual and proprietary system recommendations as necessary, such as Contech's Filterra or Oldcastle's Biopod system.

- ◆ **Ongoing Program to Inspect and Maintain the MS4:**

Public System:

- Kirkland inspects all municipally owned catch basins and inlets every two years. If inspection indicates that cleaning or repair is needed, those activities are completed within the permit allowed timelines, generally within 6 months.
- Kirkland inspects all municipally owned and operated water quality treatment and flow control facilities. If inspection indicates that cleaning or repair is needed, those activities are completed within the permit allowed timelines, generally within 1 year.
- Kirkland spot checks multiple locations throughout the storm and surface water system, including stormwater treatment and flow control facilities, after storm events. If these spot checks indicate widespread damage or maintenance needs, Kirkland will continue to investigate and take maintenance actions on affected areas/facilities.
- Kirkland will continue to maintain compliance by achieving at least 95% of required inspections.

Private System:

- The City operates a program to annually inspect and require maintenance of private water quality treatment and flow control facilities regulated by Kirkland that discharge to the MS4 and were permitted after 2010. Maintenance standards are established in the King County 2021 Surface Water Design Manual (Appendix A). KMC 15.52 establishes enforcement procedures. Kirkland will continue to achieve at minimum 80% of required inspections and will keep records of all actions taken through this program.
- ◆ **Practices, Policies, and Procedures to Reduce Stormwater Impacts of Municipal Operations.** The City O&M program implements practices, policies and procedures to reduce stormwater impacts associated with runoff from land owned or maintained by Kirkland and road maintenance activities. These were documented in 2022 and will be updated as needed.
- ◆ **Stormwater Pollution Prevention Plan (SWPPP) for Kirkland's Maintenance Facility Yard.** A SWPPP for the City's Public Works Maintenance Facility Yard, which qualifies as a heavy equipment/material maintenance or storage yard, is being implemented and updated as needed by a team of Public Works staff. The SWPPP includes detailed descriptions of the operational and structural BMPs in use, inspection schedule and results, an inventory of materials and equipment stored on-site, a list of activities conducted that may be exposed to rain, a map of the facility's stormwater drainage, discharge points, and areas of potential pollutant exposure, and a plan for responding to spills.
- ◆ **Training:** O&M staff receives training on the importance of protecting water quality during maintenance operations, inspection procedures, relevant water quality and operations and maintenance standards, selecting appropriate BMPs, ways to perform their job activities to prevent or minimize impacts to water quality, and procedures for reporting water quality concerns. Training is conducted in a variety of ways, including meetings, in the field, and through training events.
- ◆ **Record Keeping:** Kirkland will continue to track and maintain records of Operations and Maintenance activities and summarize these activities in the Annual Compliance Report.
- ◆ **Departments Engaged:** Public Works, Parks

Source Control

The Source Control Program is a new NPDES permit requirement. The program is designed to prevent and reduce pollutants in runoff from areas of existing development that discharge to the stormwater system by implementing an inspection and enforcement program.

Kirkland's Plan to Meet the Requirements of the Permit

- ◆ **Source Control Ordinance:** Kirkland has adopted KMC 15.52.100, which requires Best Management Practices (BMPs) for pollutant generating sources on existing development. The City has adopted King County's Pollution Prevention Manual for Source Control BMPs.
- ◆ **Source Control Program Development:** This new program requires the activities listed below.
 - **Maintain an inventory:** This current inventory identifies institutional, commercial, and industrial sites that have the potential to generate pollutants to the stormwater system. The list of applicable activities is available in Appendix 8 of the NPDES Permit. Kirkland will continue to take steps to identify sites that have the potential to generate pollutants and maintain the list with information gathered through inspections or outreach efforts.
 - **Inform all Sites:** Inform all sites on the inventory about activities that may generate pollutants and the source control requirements applicable to those activities. Kirkland expects to communicate with the inventory of sites throughout the permit cycle and with outreach specific to either geographic location or type of business.
 - **Implement Inspection Program:** Kirkland is implementing an inspection program that supports these sites in applying operational and/or structural BMPs to prevent illicit discharges or violations of surface water, ground water, or sediment management standards as well as practices to reduce pollution from the application of pesticides, herbicides, and fertilizers. Staff will annually complete the number of inspections equal to 20% of the businesses or sites listed in the inventory and 100% of sites identified through credible complaints.
 - **Enforce the Program:** Kirkland will take follow up action for any site that has failed to adequately implement BMPs, prioritizing technical assistance and support to achieve compliance. These actions may include phone calls, letters, emails, follow up inspections, or enforcement.
 - **Maintain Records:** Kirkland will maintain program records including documentation of each site visit, inspection records, denial of entry occurrences, warning letters, notices of violation, and other enforcement records that demonstrate an effort to bring sites into compliance.
 - **Train Staff:** Kirkland will train all staff responsible for implementing the program. Training topics will include the legal authority for source control, source control BMPs and their proper application, inspection protocols, lessons learned, typical cases, and enforcement procedures. Staff may receive training through Ecology's Pollution Prevention Assistance Program and through the Washington Stormwater Center's Source Control Training.
- ◆ **Departments Engaged:** Public Works



Monitoring and Assessment

An important part of understanding impacts of management actions on the health of stormwater is to monitor and assess progress. The Permit allows for jurisdictions to undertake monitoring and assessment in their jurisdiction or contribute to a regional fund called the Stormwater Action Monitoring (SAM) Group where studies are undertaken by consensus of the contributing members.

Kirkland's Plan to Meet the Requirements of the Permit



- ◆ **Regional Participation:** Kirkland has opted to participate in the SAM Group for both (Permit section S8.A) Regional Status and Trends Monitoring and (Permit section S8.B) Effectiveness and Source Identification Studies. The City is an active member in the decision-making process and participates in SAM through several sub-committees. Additionally, staff provide data for regional SAM studies as requested. For information about SAM-sponsored monitoring projects, please visit the SAM website: <https://ecology.wa.gov/Regulations-Permits/Reporting-requirements/Stormwater-monitoring/Stormwater-Action-Monitoring>
- Regional Status and Trends Monitoring: Kirkland contributes \$14,238 annually to this program and will pay by the required due date of August 15th.
- Effectiveness and Source Identification Studies: Kirkland contributes \$26,021 annually to this program and will pay by the required due date of August 15th.
- ◆ **Kirkland Monitoring Programs:** Kirkland conducts water quality sampling and aquatic macroinvertebrate (bug) sampling in several creeks to evaluate stream health. While not required under the permit, these activities complement and inform other permit activities.
- ◆ **Record Keeping:** Kirkland will continue to track and maintain records of Monitoring and Assessment activities and summarize these activities in the Annual Compliance Report
- ◆ **Departments Engaged:** Public Works

Underground Injection Control Wells (UIC) Program

The NPDES Permit does not authorize discharges to groundwater from facilities regulated under the Underground Injection Control (UIC) Wells Program. Kirkland, however, does operate an Underground Injection Control Wells Program according to chapter 173-218 of the Washington Administrative Code and under a jurisdiction-wide Stormwater Management Program. Full details of our UIC program can be found at <https://www.kirklandwa.gov/Government/Departments/Public-Works-Department/Storm-Surface-Water/Stormwater-Policies-and-Regulations>.



Appendix: Public Comments

From: [Andre Turner](#)
To: [Stormwater](#)
Subject: Stormwater monitoring and improvement suggestions.
Date: Friday, February 23, 2024 5:14:45 PM

My name is André Turner and I've a Bachelor's in Sustainable Practices from Cascadia College and a MAEd in Urban Environmental Education. I have also taught students in grades 3-8 about water quality, watersheds and stormwater runoff as well as mitigation techniques.

As a suggestion to improve stormwater quality. The frequent inspection and cleaning of gully pots (catch basins) at the bottom of the stormwater drain would assist in monitoring tyre dust collected by them. It's important they are regularly maintained and locations where they are placed is marked on a map. ArcGIS would be a great way of recording the locations. Cascadia College has a bachelor program, Sustainable Practices, this would make for a great internship, or capstone project for a student(s). The Sustainable Practices program is morning and expanding its current Stormwater program for students.

The EPA now has 6PPD-q test kits, the testing and monitoring of Kirkland's watershed would help in accessing and address tyre dust through mitigation measures.

<https://www.epa.gov/newsreleases/epa-develops-6ppd-q-water-testing-method-widespread-use>

The use of and proper maintenance and disposal of gully pots would dramatically improve water quality. In Norway, Sweden, the UK, and elsewhere in Europe, they use gully pots to collect tyre dust, paint particles, and other pollutants from homes, businesses, and roads, yet here in the USA, if they are used, it's not widespread from what I've found. It would be great if we could put them in place to dramatically reduce tyre dust and other microplastics from paint, which are polluting streams and waterways. In order for them to be effective, they need regular cleaning and proper disposal maintenance.

4. Implication for environmental pollution management

Gully pots are established to retain solid particles in order to facilitate the well-functioning of drainage systems and protect downstream waters against pollution. They have been found to retain a range of environmental pollutants (Lindholm 2015) and are often the only pollution control infrastructure before road runoff reaches downstream recipient water.

<https://www.sciencedirect.com/science/article/pii/S0048969720383182>

It isn't just tyre dust, paint is a major source of microplastics. Gully pots also assist in capturing paint particles. Road paint as well as paint on buildings and other structures are two major contributors to microplastics in our streams, lakes, and oceans.

“For these reasons, the real level of paint microplastics entering the environment and ocean each year could be much, much higher than 60,000 tonnes. Other reports also conclude that paint is the second-largest source of microplastics in the ocean”.

<https://www.weforum.org/agenda/2020/09/how-to-reduce-microplastics-from-paint/>

Appendix: Public Comments Continued

My thoughts on preventing pollution and improving water quality when it comes to car washing. This also helps address financial barriers some may face. It can be included on the website as well as Kirkland Conserves Facebook page (abbreviated of course).

While automatic car wash stations are great for some, the cost can be prohibitive. A single car wash can run between 14 and 18 dollars, depending on the company (before tax). The unlimited monthly car wash, from what I found, ranges from 28 to 45 dollars before tax. For those who want to wash their vehicle at home, it's best to do so on grass or gravel since it acts as a natural filter.

A great low-cost (around 1-2 dollars per wash) and very minimal water usage method (4-5 gallons) is the Rinseless Car Wash. It's especially useful for those who live in apartments or condos and can't wash them using the standard hose and bucket method.

To use, put 2 ounces of Optimum No Rinse (ONR) in a 5-gallon bucket with 4 gallons of water and mix. Fill a spray bottle with the product, then spray each panel separately and let it dwell for around 30 seconds. Then, with a microfiber towel or ONR's Big Red Sponge (20 dollars on Amazon), wash the panel by wiping it, and dry the vehicle with drying towels. There is no need to rinse off the car, which saves water. Then dump the water in the bucket in your yard.

A quart container will cost about 20 dollars on Amazon (many stores also sell it and similar products) and provide one with 16 washes. It's also great for wheels, glass, and as a quick interior detailer. Wash and wax versions are also available, at a slightly higher cost. Gallon size options are also available and while a higher initial cost, it'll save money long term.

I like using a two-bucket method, one for the product and the other to wash out the microfiber towel, then placing it back in the bucket with the rinseless product before I wash the panel off. For especially dirty vehicles, spray the product on, let it dwell, then use a microfiber towel on each pass, then flip to a clean section. As one wipes the panel, lift the towel as you go so only the edge of your hand is at the end of the panel.

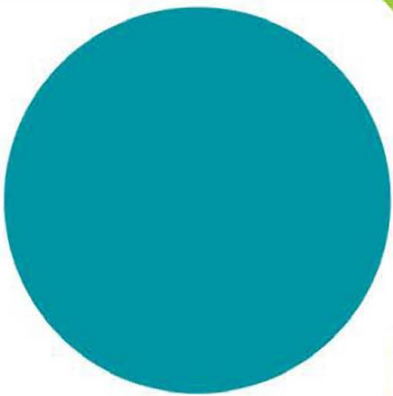
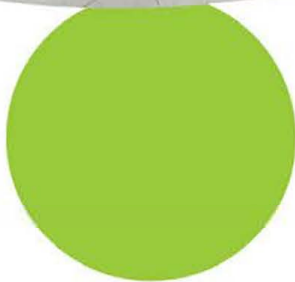
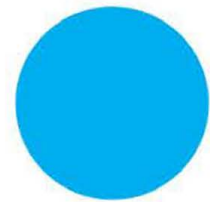
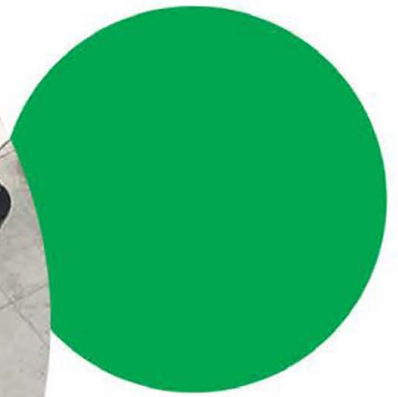
Wolfgang is another, but ONR is a popular one with detailers and is cheaper than most.

Two-part Rinseless method.

<https://m.youtube.com/watch?v=VNOrxWHr32Y>

A towel around the drain can help collect contaminated water that may make its way to the street if you wash on the grass or gravel. Then rinse off the towel on the grass or gravel.

<https://www.kirklandwa.gov/files/sharedassets/public/v/1/public-works/surface-water/residential-car-washing.pdf>



City of Kirkland Stormwater Management Program		Kirkland Education and Outreach Summary for 2023								
NPDES Phase II	Permit Citation SS.C	a.i.(a)		a.i.(b)		a.i				
		Target Audience				Subject Areas				
		General Public (including school age children)	Businesses, including home-based and mobile businesses	Engineers, contractors, developers and land use planners		General Impacts of stormwater on surface waters	Impacts from impervious surfaces	Low Impact Development (LID) principles and LID BMPs	Technical standards for stormwater site and erosion control plans	Stormwater treatment and flow control BMPs/facilities
Program Name	Program Description									
School Outreach and Education (K-12)	General stormwater & BMP education via in-school programming, youth events, virtual programs, and online curriculum. (74 classroom programs for 1734 students, 3 field based presentations for 64 students, and 2 youth outreach booths reaching 250 youth).	X				X	X	X		
Flood Prevention and Leaf Management	Outreach to Kirkland residents including all utility billing customers and all residents with 250 feet of drainage issues between 2021-2023 regarding keeping storm drains clear of leaves to protect neighborhoods from flooding. Program provides stormwater education to the general public.	X	x			X	x			
Puget Sound Starts Here (regional)	Kirkland participates in regional advertising (including PSSH month and regional bus ads), media, and web projects with other stormwater permittees and ECONet organizations to advertise and inform the public of best practices and behaviors.	X	X			X	x			
Pet Waste Outreach	City staff provide education on disposal of pet waste at various events, signage and plastic bag stations at parks and other open spaces, mailers, etc.	X				X				
General Outreach	City uses newsletters, utility inserts, Twitter, Facebook, direct mailers, multiple City web pages to increase awareness of stormwater impacts on surface water, including seasonal tips and topics. City also attends farmers markets and community events.	X	X			X	X	X		
Private Drainage System Inspections and Technical Assistance Program	City staff contact property owners, inspect private storm drainage systems (beyond those required by the permit), and provide technical assistance with stormwater facility maintenance, dumpster and trash compactor maintenance, and prevention of illicit discharges.	X	X			X	X	X	X	
Pollution Prevention Assistance Technical Assistance and Hazardous Waste Management and Reduction	Provides hands-on technical assistance and outreach to small businesses to develop practical methods for proper use and storage of automotive chemicals, cleaning supplies, other hazardous materials, equipment maintenance, and prevention of illicit discharges.		X			X	X			
Best Management Practices Information Cards	Provides brief, updated BMP information cards for specific audiences (e.g. residents, business owners, construction, mobile businesses, etc.)	X	X	X		X				

City of Kirkland Stormwater Management Program		Kirkland Education and Outreach Summary for 2023								
NPDES Phase II	Permit Citation SS.C	a.i.(a)			a.i.(b)	a.i				
		Target Audience				Subject Areas				
		General Public (including school age children)	Businesses, including home-based and mobile businesses	Engineers, contractors, developers and land use planners		General Impacts of stormwater on surface waters	Impacts from impervious surfaces	Low Impact Development (LID) principles and LID BMPs	Technical standards for stormwater site and erosion control plans	Stormwater treatment and flow control BMPs/facilities
Program Name	Program Description									
Natural Yard Care Program	Kirkland hosts 4 Natural Yard Care classes annually and launched an Ambassador program in 2023. We also promote Cascade Water Alliance-sponsored online trainings on sustainable garden design and edible landscapes. Advertisises other landscape-focused classes hosted by partner organizations (King County, King Conservation District).	X				X				
Paint Disposal Outreach	Kirkland works with local paint supply stores to distribute educational messaging about proper paint disposal to customers via stickers on paint cans and paint stir sticks with printed messaging. Kirkland also promotes the new PaintCare program and the Solid Waste division hosts paint take-back events.	X	X			X				
Yard Smart Rain Rewards	Kirkland provides free technical assistance and rebates to property owners to install stormwater retrofit projects like rain gardens, native landscaping, and cisterns on their property.	X	X			X	X	X		X
Developers Forum	Kirkland Developers forum is used to increase awareness of technical standards for stormwater site and erosion control plans, LID principles and techniques, stormwater treatment and flow control BMPs/facilities, and stormwater training opportunities.			X				X	X	X
IDDE Educational Letters	Kirkland sends letters to properties near the site of spills/pollutants entering the stormwater system. The letters focus on raising awareness regarding the impacts of pollution.	X	X			X	X			
Tree Planting Rebate	Kirkland provides rebates and pre-paid certificates to property owners to plant trees on their property to help reduce stormwater runoff in neighborhoods.	X				X	X	X		
Online interactive map of LID facilities in Kirkland	Kirkland provides an online map for property owners to identify and locate LID facilities built on their properties and to access maintenance guides and resources. We also notify all LID owners annually of the LID on their property and how to maintain.	X						X		X
Stream Health Water Quality Report Cards	Kirkland developed educational watershed report cards sharing and highlighting the results of our water quality monitoring program and describing actions community members can take to protect water quality.	X				X	X	X		
Dashboard for Watershed Health	Kirkland promotes our interactive water quality dashboard that includes educational information about Kirkland's watersheds, water quality monitoring results, and stream bug monitoring results. Education focuses on what residents can do to help improve stream health.	X				X	X	X		

City of Kirkland Stormwater Management Program		Kirkland Education and Outreach Summary for 2023								
NPDES Phase II	Permit Citation S5.C	a.i.(a)			a.i.(b)	a.i				
		Target Audience				Subject Areas				
		General Public (including school age children)	Businesses, including home-based and mobile businesses	Engineers, contractors, developers and land use planners		General Impacts of stormwater on surface waters	Impacts from impervious surfaces	Low Impact Development (LID) principles and LID BMPs	Technical standards for stormwater site and erosion control plans	Stormwater treatment and flow control BMPs/facilities
Program Name	Program Description									
Stormwater Retrofit Facilities Public Involvement	Kirkland engaged residents in the Cedar Creek and High Woodlands watersheds about designs for stormwater retrofit facilities. Efforts included direct mailers, community meetings, web page, surveys, and an email listserv.	X				X	X	X		X

Dumpster Lid Behavior Change Campaign –

2023 Evaluation Report

City of Kirkland



Report prepared by Aaron Hussmann, Kirkland Public Works

Report finalized March 11, 2024

Purpose

This evaluation report has been developed in response to City of Kirkland's National Pollutant Discharge Elimination System (NPDES) Phase II Western Washington Municipal Stormwater Permit requirements. To demonstrate compliance with permit conditions for the Public Education and Outreach Section (S5.C.2.a.ii.e), Kirkland shall evaluate and report on:

- 1) The changes in understanding and adoption of targeted behaviors resulting from the implementation of the strategy; and
- 2) Any planned or recommended changes to the campaign in order to be more effective; describe the strategies and process to achieve the results.

Introduction

The City of Kirkland has been monitoring dumpster condition and lid closure information since at least 2015. Uncovered and leaking dumpsters can cause pollutants like chemicals, bacteria, and organic matter to end up in stormwater runoff. Rainwater mixed with trash can leak out and spill onto impervious surfaces that drain to the stormwater system when dumpsters are serviced.

The City of Kirkland was an active planning team member of the regional Dumpster Outreach Group that planned and carried out a Puget Sound-wide social marketing behavior change campaign to increase the percent of containers with closed lids. These efforts served to comply with requirements from the Public Education and Outreach section of the 2019-2024 *Western Washington Phase II Municipal Stormwater Permit* (NPDES permit).

Components of this permit section that have already been submitted include:

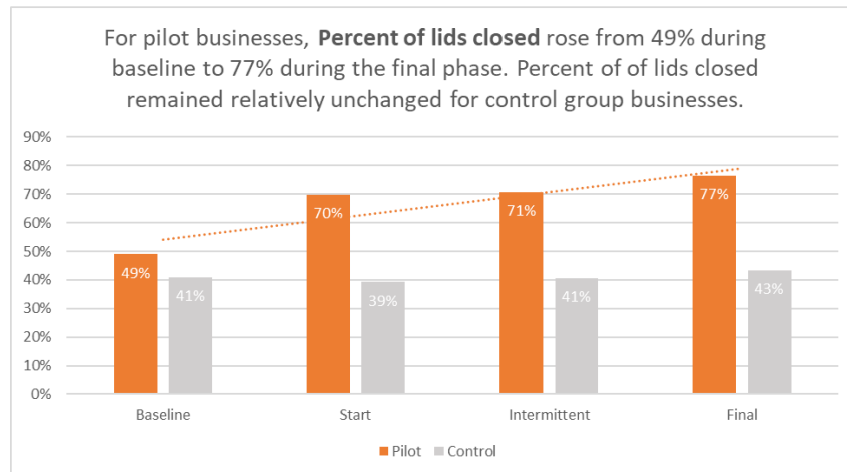
- S5.C.2.a.ii.(c) - By February 1, 2021, develop a strategy and schedule for a new target audience and BMP behavior change program (Attached as Appendix A).
- S5.C.2.a.ii.(d) – No later than April 1, 2021, begin to implement the strategy developed in S5.C.2.a.ii.(c) (Attached as Appendix B).

The report below detail Kirkland's implementation of the Dumpster Lid Behavior Change campaign including observed behavior change metrics and recommended actions for continued implementation.

Dumpster Lid Program Implementation

Pilot Phase - 2021

Kirkland's implementation of the pilot phase of this program followed the procedures outlined in Appendix B, including monitoring dumpster lid status regularly during Baseline, Start, and Final stages of the pilot. Regionally, percent of lids closed rose from 49% during the Baseline phase to 77% during the Final phase for businesses who participated in the behavior change program. Control group businesses saw virtually no change in their lid closure rates.



Implementation – 2022-23

Following the successful result of the pilot phase, Kirkland continued implementation by bringing in new businesses to participate in the program. New businesses were included when they were identified to have a low rate of dumpster lid closure. These businesses were primarily identified by staff when conducting source control visits or Pollution Prevention Assistance visits, or when persistent issues with dumpster area management were noticed by City staff. Businesses with existing high lid closure rates and minimal issues with dumpster area management were excluded from implementation because they were already conducting the recommended behavior.

From 2022-23 Kirkland worked with 18 different sites that were comprised of approximately 101 businesses. These sites represented a total of 45 garbage and recycling containers. Business types included a diverse mix of restaurant, office, grocery, paint, retail, automotive, gas stations, and light industrial. In most cases, businesses were provided with all or a combination of:

- Educational letters or emails sent to the property owner/manager, in advance
- In-person site visit and technical assistance
- Multi-language signage for the dumpster enclosure areas
- Stickers applied to all dumpsters
- Flyers for managers/staff

Program Evaluation

EVALUATION METHODS

The primary method of evaluation consisted of drive-by evaluation of the dumpster lid status during randomly timed spot checks.

During the initial pilot of the campaign, observations were conducted twice daily for 1-2 weeks each during the Baseline, Start, and Final phases. The significant amount of data collected regionally during the pilot of the program (10,681 dumpsters observed through 4,963 observations by 30 different Puget Sound jurisdictions) is considered to have established a robust “proof of concept.”

Based on the proof of concept from the pilot campaign, Kirkland established a quarterly monitoring frequency during the broad implementation phase to assess on-going behavior change.

CHANGES IN UNDERSTANDING AND ADOPTION OF TARGETED BEHAVIORS

Kirkland conducted drive by evaluations at least quarterly from 2022-2024. In total, staff submitted 100 observations representing 241 dumpsters. Overall results show a lid closure rate of 74.7%, which closely mirrors the results from the pilot phase of the campaign. These results can be compared to the regional closure rate of 49% at the start of the campaign for pilot businesses.

Total Dumpsters	# Lids Open	# Lids Closed	% of Lids Closed
241	63	180	74.7%

These results demonstrate that most sites changed their behavior and began regularly closing their dumpster lids because of participation in the program.

In addition, a consistent message of the behavior change campaign was to prevent rain from getting inside the dumpsters. Dumpster lid closure rates rose to 80% on observation days where it was raining, indicating that this component of messaging was a motivating factor in keeping dumpster lids closed.

Lessons Learned and Recommendations

Relationship with hauler

- Continue to maintain a strong relationship with Waste Management to emphasize importance of making sure dumpster lids aren't pinned open after service. When lids are pinned open, it's often physically impossible for employees to close the dumpster lid until the dumpster is serviced again.
 - Possible strategies:
 - Quarterly communication with Waste Management regarding the number and location of pinned dumpster lids.
 - Providing tailored educational materials for Waste Management drivers regarding pinned lids.
- While dumpster repairs are free to the business, anecdotal conversations with business managers and employees revealed that they didn't call to have lids fixed because they didn't want to get charged for repair or didn't know who to call. Future outreach to businesses should

highlight how to contact Waste Management in the event their dumpster lid is pinned, broken, or missing.

- Possible strategies:
 - Creating and distributing educational materials with Waste Management contact info, and the free benefits provided with their Waste Management account.

Continue pairing dumpster lid campaign with Source Control

- It can be both daunting and challenging for business managers and employees to receive frequent visits from different City of Kirkland employees. To maximize efficiency for both the business and for City staff, the bulk of the future dumpster lid campaign should be implemented in tandem with the City's Source Control program.
 - Possible strategies:
 - Quarterly meeting with Source Control staff to implement and track the dumpster lid campaign.

Provide tailored follow up for sites with consistently open lids

While most sites in this campaign demonstrated positive behavior change, some sites proved to be a bit more challenging. These results are supported by behavior change research that groups audiences into "Show Me", "Help Me", and "Make Me" categories.

- Some of the sites with consistently open lids may fall into the "Help Me" group due to high staff turnover, dumpster access by non-employees, or other unidentified barriers. Work should be done to understand any remaining barriers and how to address them.
 - Possible strategies:
 - Contact sites with consistently open lids to better understand barriers/motivators to closing the lid. Tailor outreach strategies based on the results of this research.
 - Offer brief staff training/education sessions.
- However, some sites may fall into the "Make Me" category and may need to be provided with more clear direction regarding possible code enforcement implications associated with poor dumpster area management.
 - Possible strategies:
 - Create clear and concise outreach materials which includes code enforcement language to provide to sites that show no evidence of improvement or no apparent willingness to improve their dumpster management practices.
 - Request source control inspectors regularly check on status of dumpster and engage in progressive enforcement, as needed.

Next Steps

Pursuant to S5.C.2.a.ii.(f), Kirkland will use the results of this evaluation to continue to implement the dumpster lid behavior change campaign for at least the remainder of the permit term. Primary next steps will be to continue to integrate the campaign into the City's Source Control efforts. As time and staff resources allow, we will also pursue the possible strategies detailed above.



City of Kirkland Annual Report Question 26a. for 2023

Attach a list of Stewardship Opportunities

Park Pet Waste Steward Volunteer Program: Volunteers help monitor and count the frequency of un-scooped dog waste in local parks to help identify problem areas and establish baseline data for future outreach efforts.

Water Watchers: Water Watchers is a community-based water monitoring program operated by the Sno-King Watershed Council. Water Watcher volunteers in Kirkland monitor physical and chemical indicators of stream health on local creeks. Data collected by the volunteers helps inform the community regarding watershed health and supplement water quality data collected by City staff.

Green Kirkland Partnership Stewardship Events: The Green Kirkland Partnership is an alliance between the City of Kirkland, nonprofit partners, businesses and the community to restore and maintain more than 500 acres of natural area parkland in the City. The Green Kirkland mission is to restore and maintain healthy forested and natural parklands by building a supportive community that works together to protect Kirkland's valuable natural resources for current and future generations. Much of this restoration work is completed by dedicated volunteers. Achieving this involves training volunteers in restoration activities and providing support from restoration partners, contractors, and skilled natural areas staff. The Partnership's activities include community-based restoration efforts like replanting areas with native trees and invasive plant removal, as well as education, outreach and engagement with our community. Opportunities for volunteer stewardship events are offered multiple times per month.

Storm Drain Marking: Volunteers mark neighborhood storm drains with labels stating "Lake Washington Starts Here – Only Rain Down the Drain." The purpose of these markers is to raise awareness regarding connection between our neighborhoods and local water bodies.

Cross Kirkland Corridor Adopt-a-Trail: Local volunteers have adopted quarter-mile segments of the corridor and pledged to remove litter twice per year. They also have the option of doing a yearly invasive plants removal project in their section. All 23 segments are currently adopted. Adopters include Kirkland neighborhood associations, businesses, individuals, families and community service groups.



MS4 Outfalls in Kirkland

Number	UNITID	SIZE (in)	Material
1	6981	12	Concrete
2	8183	12	Solid Wall Polyethylene
3	15999	12	Corrugated Aluminum
4	6941	8	PolyVinyl Chloride
5	7322	12	Corrugated Aluminum
6	5756	15	Concrete
7	7440	12	Corrugated Aluminum
8	7322	12	Concrete
9	4686	18	Solid Wall Polyethylene
10	14629	12	Solid Wall Polyethylene
11	11275	24	Corrugated Aluminum
12	6644	12	Concrete
13	4265	18	Solid Wall Polyethylene
14	8781	12	Concrete
15	8402	12	Solid Wall Polyethylene
16	11531	8	PolyVinyl Chloride
17	11498	8	Solid Wall Polyethylene
18	11507	8	Solid Wall Polyethylene
19	11519	8	Solid Wall Polyethylene
20	11921	12	Ductile Iron
21	11919	12	Corrugated Aluminum
22	7409	12	Corrugated Aluminum
23	7702	12	Corrugated Aluminum
24	7883	24	Corrugated Aluminum
25	11888	18	Concrete
26	13117	12	Ductile Iron
27	12427	18	Solid Wall Polyethylene
28	12509	18	Ductile Iron
29	9093	8	PolyVinyl Chloride
30	9090	8	Concrete
31	9413	8	Ductile Iron
32	10028	24	Corrugated Aluminum
33	2159	8	PolyVinyl Chloride
34	11424	18	Corrugated Aluminum
35	4771	12	Corrugated Aluminum
36	8800	8	PolyVinyl Chloride
37	9000	12	Corrugated Aluminum
38	5465	12	Solid Wall Polyethylene
39	10884	24	Solid Wall Polyethylene
40	12900	12	PolyVinyl Chloride
41	7693	8	Asbestos-Cement
42	10933	15	Solid Wall Polyethylene
43	12236	12	PolyVinyl Chloride
44	12472	12	Solid Wall Polyethylene

45	19525	12	Solid Wall Polyethylene
46	9291	12	Concrete
47	7012	24	Reinforced Concrete
48	12126	12	Ductile Iron
49	12662	12	Solid Wall Polyethylene
50	12503	8	Solid Wall Polyethylene
51	12218	24	Corrugated Aluminum
52	10959	12	Corrugated Aluminum
53	10157	18	Corrugated Aluminum
54	10957	12	PolyVinyl Chloride
55	7611	8	Solid Wall Polyethylene
56	225	8	PolyVinyl Chloride
57	9488	12	PolyVinyl Chloride
58	5481	18	Galvanized Corrugated Iron or Steel
59	5384	12	Concrete
60	9724	12	Solid Wall Polyethylene
61	9651	12	Corrugated Aluminum
62	6406	8	Concrete
63	6114	8	Concrete
64	11285	12	Solid Wall Polyethylene
65	8533	12	Solid Wall Polyethylene
66	14582	8	PolyVinyl Chloride
67	28428	12	Concrete
68	28434	12	Corrugated Aluminum
69	28432	12	Corrugated Aluminum
70	28404	12	Concrete
71	28441	12	Corrugated Aluminum
72	28440	12	Corrugated Aluminum
73	28531	18	Concrete
74	28521	12	Concrete
75	28517	12	Concrete
76	28780	24	Solid Wall Polyethylene
77	28544	12	Solid Wall Polyethylene
78	28583	24	Corrugated Aluminum
79	28604	18	Corrugated Aluminum
80	28606	12	PolyVinyl Chloride
81	28609	18	Corrugated Aluminum
82	28628	12	Concrete
83	28684	12	Solid Wall Polyethylene
84	10108	12	Corrugated Aluminum
85	11322	12	Concrete
86	13521	18	Concrete
87	10109	12	Corrugated Aluminum
88	9861	12	Solid Wall Polyethylene
89	16330	12	Solid Wall Polyethylene
90	7024	24	Concrete
91	16392	18	Solid Wall Polyethylene

92	20802	12	Solid Wall Polyethylene
93	28399	12	Corrugated Aluminum
94	28413	18	Concrete
95	28425	12	Corrugated Aluminum
96	28435	12	Corrugated Aluminum
97	28436	12	Concrete
98	28425	36	Corrugated Aluminum
99	28475	12	Concrete
100	28467	12	Corrugated Aluminum
101	28464	24	Concrete
102	28463	12	Corrugated Aluminum
103	28445	12	Concrete
104	28446	15	Concrete
105	28447	12	Concrete
106	28448	15	Concrete
107	28469	12	Concrete
108	28486	12	Corrugated Aluminum
109	28487	12	Corrugated Aluminum
110	28494	12	Corrugated Aluminum
111	28463	48	Corrugated Aluminum
112	28501	18	Corrugated Aluminum
113	28523	12	Concrete
114	28511	18	Corrugated Aluminum
115	28507	18	Corrugated Aluminum
116	28513	12	Concrete
117	28514	12	Corrugated Aluminum
118	28525	12	Solid Wall Polyethylene
119	28516	12	Corrugated Aluminum
120	28524	12	Concrete
121	28546	8	PolyVinyl Chloride
122	28520	12	Solid Wall Polyethylene
123	28504	12	Corrugated Aluminum
124	28789	12	Concrete
125	28790	21	Concrete
126	28582	12	PolyVinyl Chloride
127	28580	12	Corrugated Aluminum
128	28589	12	Corrugated Aluminum
129	28610	18	Corrugated Aluminum
130	28616	12	Concrete
131	28614	12	Concrete
132	28615	12	Corrugated Aluminum
133	28633	12	Solid Wall Polyethylene
134	28629	18	Corrugated Aluminum
135	28627	12	Concrete
136	29343	36	Corrugated Aluminum
137	29344	18	Concrete
138	29349	12	Corrugated Aluminum

139	28724	12	Concrete
140	28738	12	Concrete
141	30579	18	Corrugated Aluminum
142	28765	12	Corrugated Aluminum
143	30952	12	Concrete
144	31168	6	PolyVinyl Chloride
145	29375	18	Concrete
146	29467	18	Corrugated Aluminum
147	29486	18	Reinforced Concrete
148	29764	18	Concrete
149	29766	12	Concrete
150	29767	15	Corrugated Aluminum
151	29857	18	Corrugated Aluminum
152	29861	12	Solid Wall Polyethylene
153	29865	12	Concrete
154	30072	18	Concrete
155	30215	12	Concrete
156	30228	12	Concrete
157	30324	12	Concrete
158	30348	18	Corrugated Aluminum
159	30391	12	Concrete
160	30377	12	Concrete
161	30398	12	Concrete
162	30399	12	Concrete
163	30412	18	Reinforced Concrete
164	30424	18	Reinforced Concrete
165	30442	24	Corrugated Aluminum
166	30568	12	Corrugated Aluminum
167	30570	12	Corrugated Aluminum
168	30612	18	Corrugated Aluminum
169	30574	18	Corrugated Aluminum
170	30624	12	Corrugated Aluminum
171	30633	12	Concrete
172	30644	12	Corrugated Aluminum
173	30646	12	Corrugated Aluminum
174	30650	12	Corrugated Aluminum
175	30651	12	Solid Wall Polyethylene
176	30820	18	Reinforced Concrete
177	30928	8	Solid Wall Polyethylene
178	30929	18	Reinforced Concrete
179	30930	12	Solid Wall Polyethylene
180	30931	16	Solid Wall Polyethylene
181	30933	24	Corrugated Aluminum
182	30934	12	Concrete
183	30951	16	Corrugated Aluminum
184	30922	12	Corrugated Aluminum
185	30927	8	Corrugated Aluminum

186	30937	12	Corrugated Aluminum
187	30983	12	Corrugated Aluminum
188	31035	4	PolyVinyl Chloride
189	31360	12	Concrete
190	28792	24	Solid Wall Polyethylene
191	28426	12	Concrete
192	28429	18	Concrete
193	28421	12	Concrete
194	28480	12	Solid Wall Polyethylene
195	35702	12	Ductile Iron
196	29372	12	Solid Wall Polyethylene
197	30968	12	Corrugated Aluminum
198	11218	12	Solid Wall Polyethylene
199	13148	12	Concrete
200	9267	24	Ductile Iron
201	33184	12	Concrete
202	28750	8	PolyVinyl Chloride
203	33672	8	PolyVinyl Chloride
204	28495	12	Corrugated Aluminum
205	18900	12	Ductile Iron
206	28471	18	Corrugated Aluminum
207	28473	12	Solid Wall Polyethylene
208	29371	16	Concrete
209	35509	30	Corrugated Aluminum
210	35708	12	Ductile Iron
211	35719	18	Concrete
212	35802	12	Corrugated Aluminum
213	36647	24	Solid Wall Polyethylene
214	7277	12	Corrugated Aluminum
215	29346	12	Corrugated Aluminum
216	29660	12	Corrugated Aluminum
217	14628	12	Solid Wall Polyethylene
218	4316	18	Concrete
219	12029	18	Corrugated Aluminum
220	11547	8	PolyVinyl Chloride
221	10994	12	Corrugated Aluminum
222	5189	36	Corrugated Aluminum
223	5305	12	Corrugated Aluminum
224	4282	18	Concrete
225	8749	6	Concrete
226	8516	8	Concrete
227	7958	24	Corrugated Aluminum
228	11028	18	Corrugated Aluminum
229	8827	8	PolyVinyl Chloride
230	5441	12	Corrugated Aluminum
231	9350	8	Corrugated Aluminum
232	9779	12	Corrugated Aluminum

233	9765	12	Corrugated Aluminum
234	14487	12	Corrugated Aluminum
235	30335	12	Solid Wall Polyethylene
236	13351	24	Corrugated Aluminum
237	29680	18	Concrete
238	29684	18	Concrete
239	28798	18	Corrugated Aluminum
240	28796	12	Solid Wall Polyethylene
241	28550	12	Corrugated Aluminum
242	28569	18	Corrugated Aluminum
243	30035	12	Solid Wall Polyethylene
244	30363	12	Solid Wall Polyethylene
245	30367	12	Corrugated Aluminum
246	30372	12	Concrete
247	30602	18	Concrete
248	30603	24	Concrete
249	13916	12	Ductile Iron
250	30966	6	Solid Wall Polyethylene
251	30369	8	PolyVinyl Chloride
252	32169	12	Concrete
253	32344	12	Concrete
254	28466	18	Corrugated Aluminum
255	35290	12	Concrete
256	28613	18	Concrete
257	11642	30	Corrugated Aluminum
258	7464	12	Solid Wall Polyethylene
259	7626	12	Corrugated Aluminum
260	37486	12	Solid Wall Polyethylene
261	37619	12	Aluminum Spiral Rib
262	37261	18	Ductile Iron
263	28722	12	Concrete
264	28476	12	Corrugated Aluminum
265	2327	8	Concrete
266	37272	12	Galvanized Steel Spiral Rib
267	8264	12	Solid Wall Polyethylene
268	5354	12	Solid Wall Polyethylene
269	5314	12	Solid Wall Polyethylene
270	5396	24	Reinforced Concrete
271	4283	8	Concrete
272	7637	18	Concrete
273	7197	12	Corrugated Aluminum
274	31	15	Concrete
275	8592	12	Solid Wall Polyethylene
276	4660	12	PolyVinyl Chloride
277	3330	12	Ductile Iron
278	12941	12	Solid Wall Polyethylene
279	11861	18	Corrugated Aluminum

280	556	24	Corrugated Aluminum
281	379	48	Reinforced Concrete
282	472	12	Corrugated Aluminum
283	467	8	Corrugated Aluminum
284	134	18	Reinforced Concrete
285	501	8	Corrugated Aluminum
286	521	12	Concrete
287	517	12	Corrugated Aluminum
288	516	12	Concrete
289	750	12	Reinforced Concrete
290	5094	24	Reinforced Concrete
291	689	18	Concrete
292	696	24	Reinforced Concrete
293	28522	12	Concrete
294	28785	12	Concrete
295	28685	12	Concrete
296	28505	12	Corrugated Aluminum
297	30392	8	Corrugated Aluminum
298	28497	24	Corrugated Aluminum
299	35502	8	PolyVinyl Chloride
300	37258	8	PolyVinyl Chloride
301	96	8	Concrete
302	7686	12	Corrugated Aluminum
303	18152	12	Corrugated Aluminum
304	28786	12	Concrete
305	28787	12	Concrete
306	28686	12	Concrete
307	5394	12	Corrugated Aluminum
308	8857	12	PolyVinyl Chloride
309	44435	36	PolyVinyl Chloride
310	17443	12	Ductile Iron



City of Kirkland: Source Control Program Highlight

Summary of actions taken to implement the source control program per S5.C.8.b.iii and S5.C.8.b.iv.

S5.C.8.b.iii

Permit language shown in italics. Kirkland's actions not italicized

No later than January 1, 2023, Permittees shall implement an inspection program for sites identified pursuant to S5.C.8.b.ii, above.

(a) All identified sites with a business address shall be provided information about activities that may generate pollutants and the source control requirements applicable to those activities. This information shall be provided by mail, telephone, electronic communications, or in person. This information may be provided all at one time or spread out over the permit term to allow for tailoring and distribution of the information during site inspections.

Kirkland is preparing to contact all remaining businesses on the inventory before the end of the permit term through mailed communication. Approximately 25% of the city-wide inventory has already been contacted. Information on preventing pollution at your business can be found on this city website: <https://www.kirklandwa.gov/Government/Departments/Public-Works-Department/Storm-Surface-Water/What-You-Can-Do-For-Clean-Water/Business-Pollution-Prevention>

(b) The Permittee shall annually complete the number of inspections equal to 20% of the businesses and/or sites listed in their source control inventory to assess BMP effectiveness and compliance with source control requirements. The Permittee may count follow-up compliance inspections at the same site toward the 20% inspection rate. The Permittee may select which sites to inspect each year and is not required to inspect 100% of sites over a 5-year period. Sites may be prioritized for inspection based on their land use category, potential for pollution generation, proximity to receiving waters, or to address an identified pollution problem within a specific geographic area or sub-basin.

Kirkland conducted 186 site visits in 2023, which meets our minimum inspection requirement of 170 inspections (20% of 847) annually. Visits in 2023 focused primarily in the Totem Lake area, a sub-basin of the Juanita Creek Watershed and our SMAP sub-basin.

(c) Each Permittee shall inspect 100% of sites identified through credible complaints.

Sites identified through credible complaints were inspected. Credible complaints can be received through a variety of sources (spill hotline, staff referral, agency referral, OurKirkland Customer Service portal, email or phone call). Complaints are referred to program coordinator and delegated to inspectors.

(d) Permittees may count inspections conducted based on complaints, or when the property owner denies entry, to the 20% inspection rate.

Kirkland tracks inspections conducted based on complaints and when the property owner denies entry (which is very rare).

S5.C.8.b.iv.

No later than January 1, 2023, each Permittee shall implement a progressive enforcement policy that requires sites to comply with stormwater requirements within a reasonable time period as specified below:

(a) If the Permittee determines, through inspections or otherwise, that a site has failed to adequately implement required BMPs, the Permittee shall take appropriate follow-up action(s), which may include phone calls, reminder letters, emails, or follow-up inspections.

Kirkland provides follow up to all sites that have BMPs identified as required to implement.

Most often, sites are provided an initial 30-day window to implement BMPs. This window can be extended as needed. As appropriate, follow-up technical assistance and support includes follow-up includes letters, phone calls, emails, and/or follow-up inspections.

(b) When a Permittee determines that a site has failed to adequately implement BMPs after a follow-up inspection(s), the Permittee shall take enforcement action as established through authority in its municipal codes or ordinances, or through the judicial system.

Kirkland Municipal Code 15.52.100 "Source Control Best Management Practices" requires the implementation of BMPs to prevent pollution from properties and activities within Kirkland.

Failure to implement such practices constitutes a violation of that chapter and enforcement action can be pursued. Kirkland's program coordinator supports code enforcement action for the program, as necessary.

(c) Each Permittee shall maintain records, including documentation of each site visit, inspection reports, warning letters, notices of violations, and other enforcement records, demonstrating an effort to bring sites into compliance. Each Permittee shall also maintain records of sites that are not inspected because the property owner denies entry.

Kirkland developed a Source Control database within their existing assessment management system, Lucity. This database contains all required records and is updated regularly with on-going site inspection and follow up information.

(d) A Permittee may refer non-emergency violations of local ordinances to Ecology, provided, the Permittee also makes a documented effort of progressive enforcement. At a minimum, a Permittee's enforcement effort shall include documentation of inspections and warning letters or notices of violation.

Kirkland has developed relationships with the Department of Ecology and may refer certain cases or request support through joint inspections. Kirkland inspectors shall conduct appropriate technical assistance and enforcement effort before referring to the Department of Ecology.

Number of Inspections	Company	Address	City	Visit Date	Business Type Code	NAICS	Enforcement Actions Taken?
1	COMPASS GENERAL CONSTRUCTION I, LLC	11332 NE 122ND WAY STE 350	Kirkland	2/27/2023	236	236115	No
1	LEVIARS HARDWOOD FLOORS LLC	11408 NE 124th St	Kirkland	3/10/2023	238	238350	No
1	HOLLYWOOD BAKED GOODS	12815 NE 124TH ST STE Q	Kirkland	5/19/2023	311	311811	No
2	Nothing Bundt Cakes	213 3rd St	Kirkland	6/13/2023	311	311811	No
3	SAVAGE BREWING COMPANY	12815 NE 124TH ST STE I	Kirkland	3/29/2023	312	312120	No
2	RJB WHOLESale, INC.	12418 NE 124th St	Kirkland	5/4/2023	326	326122	No
1	C & D AUTOMOTIVE MACHINE	12417 NE 124th St	Kirkland	5/18/2023	332	332710	No
2	Ewing Irrigation Products, Inc.	815 8th Ave	Kirkland	3/29/2023	423	423720	No
3	CFM Heating & Cooling, Inc	11447 120 Ave NE. #200	Kirkland	6/9/2023	424	424990	No
2	AutoZone #4118	12660 TOTEM LAKE BLVD NE	Kirkland	5/31/2023	441	441310	No
2	DISCOUNT TIRE	12410 NE 124TH ST	Kirkland	5/4/2023	441	441340	No
1	Eastside Automotive and Tire	12676 NE 85th St	Kirkland	5/25/2023	441	441320	No
1	Eastside Subaru	11803 NE 116th St	Kirkland	5/31/2023	441	441110	No
1	FORD OF KIRKLAND	11800 124TH AVE NE	Kirkland	1/6/2023	441	441110	No
1	NISSAN OF KIRKLAND	11930 124TH AVE NE	Kirkland	2/9/2023	441	441110	No
2	O'REILLY AUTO PARTS #2508	12510 120TH AVE NE	Kirkland	5/31/2023	441	441330	No
1	Speed Works NW	12423 NE 124th St	Kirkland	5/18/2023	441	441120	No
1	VOLKSWAGEN OF KIRKLAND	12612 NE 124TH ST	Kirkland	4/20/2023	441	441110	No
1	DUNN LUMBER	11835 120th Ave NE	Kirkland	6/7/2023	444	444140	No
1	WESTLAKE HARDWARE, INC.	6613 132ND AVE NE	Kirkland	12/5/2023	444	444140	No
1	BELLA BRASIL MARKET PLUS	12545 116TH AVE NE	Kirkland	5/19/2023	445	445110	No
1	Dollar Tree	6625 132nd NE	Kirkland	12/8/2023	445	445110	No
1	FRED MEYER STORES, INC.	12221 120TH AVE NE	Kirkland	2/1/2023	445	445110	No
1	Grocery Outlet	6635 132nd Ave NE	Kirkland	12/8/2023	445	445110	No
2	Metropolitan Market, LLC	10611 NE 68th St	Kirkland	3/17/2023	445	445110	No
3	Mucho Mas Tienda y Carniceria	14318 124th Ave NE	Kirkland	10/30/2023	445	445240	No
1	SAAGAR GROCERIES	12445 116TH AVE NE	Kirkland	3/20/2023	445	445110	No
1	The Market on Central	255 Central Way	Kirkland	6/13/2023	445	445110	No
1	TRADER JOE'S #132	12520 TOTEM LAKE BLVD NE STE	Kirkland	3/30/2023	445	445110	No
1	FANTASTIC FLOORS LLC	12700 NE 124TH ST STE 6	Kirkland	2/3/2023	449	449121	No
1	Dollar Tree Stores, Inc.	12030 NE 85th St	Kirkland	5/8/2023	455	455219	No
2	MICHAELS # 8407	9755 NE Juanita Dr.	Kirkland	5/8/2023	455	455219	No
1	ARCO AM/PM #82832	11600 124TH AVE NE	Kirkland	1/20/2023	457	457110	No
2	MORCOS SERVICE STATION, INC.	9800 NE 116TH ST	Kirkland	6/23/2023	457	457110	No

1	TOTEM LAKE 76	12412 116TH AVE NE	Kirkland	5/25/2023	457	457110	No
1	TAHIR AND SON	12443 116TH AVE NE	Kirkland	3/20/2023	459	459991	No
3	ALIZA INC.	12305 120th Ave NE	Kirkland	2/16/2023	531	531312	No
4	Atcon Plaza	13100 NE 70th Pl,	Kirkland	3/22/2023	531	531312	No
7	DMS PROPERTIES, LLC	12061 124th Ave NE	Kirkland	1/17/2023	531	531312	No
1	REGUS MANAGEMENT GROUP, LLC	11335 NE 122ND WAY STE 105	Kirkland	2/27/2023	531	531312	No
2	THE PRESERVE AT FORBES CREEK	11110 Forbes Creek Dr	Kirkland	4/20/2023	531	531311	No
1	THE HERTZ CORPORATION	11709 124TH AVE NE	Kirkland	1/6/2023	532	532111	No
1	JANSEN TECHNOLOGIES INC.	11335 NE 122ND WAY STE 275	Kirkland	2/27/2023	541	541330	No
1	KASA HOME DESIGN LLC	11406 NE 124th St	Kirkland	3/10/2023	541	541410	No
1	THE KITCHEN STUDIO BY UNITED WHOLESALE	12703 NE 124TH ST	Kirkland	2/3/2023	541	541410	No
1	SANDBOX VR STORES, LLC	12675 120TH AVE NE STE 195	Kirkland	3/30/2023	713	713120	No
4	Comfort Inn Kirkland	12204 NE 124th St	Kirkland	10/6/2023	721	721110	No
2	Aceituno's MEXican Food	11747 124th Ave NE	Kirkland	1/20/2023	722	722513	No
1	ARTH - THE INDIAN BISTRO	238 CENTRAL WAY	Kirkland	6/13/2023	722	722511	No
2	AZTECA MEXICAN RESTAURANT	11431 NE 124th St	Kirkland	1/20/2023	722	722511	No
2	BIG FISH SUSHI RESTAURANT	211 3RD ST	Kirkland	6/13/2023	722	722511	No
4	CAFE 79 VIETNAMESE KITCHEN	13108 NE 70TH PL	Kirkland	5/25/2023	722	722513	No
2	Cafe Veloce	12514 120th Ave NE	Kirkland	6/9/2023	722	722511	No
2	Chick-Fil-A	12026 NE 124th St	Kirkland	10/2/2023	722	722513	No
1	CHIPOTLE MEXICAN GRILL	12530 TOTEM LAKE BLVD NE	Kirkland	3/30/2023	722	722511	No
1	COUNTRYSIDE DONUT HOUSE	11613 124TH AVE NE STE F	Kirkland	1/20/2023	722	722515	No
1	DONT YELL AT ME	11900 NE VILLAGE PLZ STE 190	Kirkland	4/10/2023	722	722515	No
2	Dumpling The Noodle	206 Main St	Kirkland	6/13/2023	722	722511	No
1	Fang's Noodle House	12085 124th Ave NE	Kirkland	1/10/2023	722	722511	No
1	FIVE GUYS BURGERS AND FRIES	11220 NE 124th St	Kirkland	3/10/2023	722	722511	No
1	G DELI	12723 NE 124TH ST	Kirkland	5/19/2023	722	722513	No
2	Hello Banh Mi	14304 124 th Ave NE	Kirkland	10/30/2023	722	722513	No
1	HERO'S BBQ	12067 124TH AVE NE	Kirkland	1/6/2023	722	722511	No
1	HIMITSU TERIYAKI	12719 NE 124TH ST	Kirkland	4/10/2023	722	722511	No
1	I Love Teriyaki	12077 124th Ave NE	Kirkland	1/10/2023	722	722513	No
2	Jasmine Mediterranean Kitchen	11613 124th Ave NE # F	Kirkland	1/20/2023	722	722513	No
1	JOE'S BURGERS	11910 NE VILLAGE PLZ	Kirkland	4/10/2023	722	722513	No
3	Kabab House	12041 124th Ave NE	Kirkland	11/29/2023	722	722511	No
1	Kami Teriyaki	11613 124th Ave NE D	Kirkland	1/12/2023	722	722513	No
6	KRISPY KRUNCHY FOODS, L.L.C.	12412 116TH AVE NE	Kirkland	5/30/2023	722	722513	No
2	LITTLE GRANDMA'S KITCHEN	12551 116th Ave NE	Kirkland	3/10/2023	722	722511	No

1	MCDONALD'S #3317	12514 116TH AVE NE	Kirkland	3/2/2023	722	722513	No
1	MEDITERRANEAN KITCHEN	11412 NE 124TH ST	Kirkland	1/13/2023	722	722511	No
2	MMMJAVALICIOUS	12412 116TH AVE NE	Kirkland	5/31/2023	722	722515	No
3	NICK'S GRILL	11613 124TH AVE NE # A	Kirkland	6/7/2023	722	722513	No
2	Pho Young Brothers	14322 124 th NE	Kirkland	10/30/2023	722	722513	No
2	Pizza Hut	14330 124 th Ave NE	Kirkland	11/13/2023	722	722513	No
1	ROMIO'S PIZZA & PASTA - TOTEM LAKE	11422 NE 124th St	Kirkland	3/10/2023	722	722513	No
1	SALT & STRAW	12620 120TH AVE NE	Kirkland	3/30/2023	722	722515	No
2	SITAR INDIAN CUISINE	12541 116th Ave NE	Kirkland	3/10/2023	722	722511	No
3	STARBUCKS COFFEE # 3224	12425 116TH AVE NE	Kirkland	2/20/2023	722	722513	No
1	SUBWAY	11322 NE 124th St	Kirkland	3/10/2023	722	722513	No
1	SUBWAY	11613 124TH AVE NE STE G	Kirkland	5/8/2023	722	722511	No
2	SUPER GYROS LLC	12412 116TH AVE NE	Kirkland	5/30/2023	722	722513	No
1	T&B, INC. (Papa Murphy's)	11312 NE 124th St	Kirkland	3/10/2023	722	722513	No
3	TACO BANDITS	12412 116TH AVE NE	Kirkland	5/25/2023	722	722330	No
1	TACO BELL #35308	11624 124TH AVE NE	Kirkland	5/8/2023	722	722511	No
1	Taco Del Mar	210 Main St	Kirkland	6/13/2023	722	722513	No
1	TACO TIME	12430 116TH NE	Kirkland	3/2/2023	722	722513	No
1	THE BOX	12305 120TH AVE NE STE C	Kirkland	5/25/2023	722	722513	No
2	THE OLIVE GARDEN ITALIAN RESTAURANT #13	11325 NE 124TH ST	Kirkland	1/20/2023	722	722511	No
2	The Turmeric Kitchen	11701 124th Ave NE	Kirkland	1/20/2023	722	722511	No
1	THUMRA THAI	12549 116TH AVE NE	Kirkland	5/8/2023	722	722511	No
1	Tokyo Stop Teriyaki #6	8560 122nd Ave NE	Kirkland	2/22/2023	722	722513	No
1	WENDY'S	11525 NE 124TH ST	Kirkland	5/19/2023	722	722513	No
1	AA AUTO SERVICE CENTER, INC.	11727 124th Ave NE	Kirkland	10/2/2023	811	811111	No
3	AAA Lakeside Collision Center	11425 120th Ave NE	Kirkland	5/31/2023	811	811121	No
1	Bel-Kirk Body Shop, Inc.	12232 NE 116th St	Kirkland	2/1/2023	811	811121	No
1	CALIBER COLLISION CENTERS	12350 NE 124TH ST	Kirkland	2/3/2023	811	811121	No
1	CARSTAR NORTHWEST COLLISION CENTER-KIR	11731 120TH AVE NE STE A	Kirkland	3/23/2023	811	811121	No
1	Classic Collision	11425 120th Ave NE	Kirkland	9/14/2023	811	811121	No
1	CYCLPATH	12232 NE 116TH ST	Kirkland	1/12/2023	811	811490	No
1	Eastside European	12415 NE 124th St	Kirkland	5/8/2023	811	811111	No
2	Firestone Complete Auto Care	11520 124th Ave.	Kirkland	6/16/2023	811	811111	No
2	JIFFY LUBE	12427 NE 124TH ST	Kirkland	5/19/2023	811	811191	No
1	Juanita Collision Center	13511 100th Ave NE	Kirkland	2/27/2023	811	811121	No
4	Kirkland Classic Cars	11447 120th Ave NE	Kirkland	5/18/2023	811	811111	No
1	KIRKLAND TIME LLC	12221 120TH AVE NE	Kirkland	5/8/2023	811	811490	No

1	Maldonado's Auto Repair	11447 120th Ave NE, #700	Kirkland	5/18/2023	811	811121	No
3	NOVUS GLASS	8418 120th Ave NE	Kirkland	10/13/2023	811	811122	No
1	PRICE BROTHERS GARAGE	11727 124th Ave NE	Kirkland	1/9/2023	811	811111	No
1	ROSE HILL CAR WASH	ROSE HILL CAR WASH	Kirkland	12/1/2023	811	811192	No
1	Showcase Auto Rebuild	13325 NE 124th St	Kirkland	5/24/2023	811	811121	No
1	Stew's Garage	11731 120th ave NE ste C	Kirkland	3/23/2023	811	811111	No
1	TOTEM LAKE SHOE REPAIR	12554 TOTEM LAKE BLVD	Kirkland	5/19/2023	811	811430	No

Total
Inspections
186