



Water Quality Program

Permit Submittal Electronic Certification

Permittee: BAINBRIDGE ISLAND CITY

Permit Number: WAR045503

Site Address: 280 MADISON AVE N
Bainbridge Island, WA 98110-1812

Submittal Name: MS4 Annual Report Phase II Western

Version: 1

Due Date: 3/31/2016

Questionnaire

Number	Permit Section	Question	Answer
1	S5.A.2	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)	STORMWATER MANAGEMENT PROGRAM _1_03072016043425
2	S9.D.5	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.5.	Not Applicable
3	S5.A.3	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.a.i and ii	Attach description of public education and outreach efforts conducted per S5.C.1.a.i and ii.	Report WSSOG Activities Report_5_03072016043656
6	S5.C.1.b	Created stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.1.b.	Yes
7	S5.C.1.b	Used results of measuring the understanding and adoption of targeted behaviors among at least one audience in at least one subject area to direct education and outreach resources and evaluate changes in adoption of targeted behaviors. (Required no later than February 2, 2016, S5.C.1.b)	Yes
7b	S5.C.1.b	Attach description of how this requirement was met.	Water Pollution Hotline Promot_7b_03082016092858
8	S5.C.2.a	Describe the opportunities created for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP. (S5.C.2.a)	Utilities Advisory Committee, City Council Meetings, public hearings
9	S5.C.2.b	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.2.b)	Yes

9b	S5.C.2.b	List the website address.	www.ci.bainbridge-isl.wa.ua
10	S5.C.3.a.i - vi	Maintained a map of the MS4 including the requirements listed in S5.C.3.a.i.-vi.	Yes
11	S5.C.3.b.v	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.C.3.b. (S5.C.3.b.v)	Yes
12	S5.C.3.b.vi	Updated, if necessary, the regulatory mechanism to effectively prohibit illicit discharges into the MS4 per S5.C.3.b.vi. (Required no later than February 2, 2018)	Yes
12b		Cite the Prohibited Discharges code reference	Bainbridge Island Municipal Code 15.22
13	S5.C.3.c.i	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.3.c.i.	Yes
13b	S5.C.3.c.i	Cite methodology	City of Bainbridge Island's IDDE Program Manual April 2010
14	S5.C.3.c.i	Percentage of MS4 coverage area screened in reporting year per S5.C.3.c.i. (Required to screen 40% of MS4 no later than December 31, 2017 (except no later than June 30, 2018 for the City of Aberdeen) and 12% on average each year thereafter. (S5.C.3)	8
15	S5.C.3.c.ii	List the hotline telephone number for public reporting of spills and other illicit discharges. (S5.C.3.c.ii)	911, or 1-360-337-5777
15b	S5.C.3.c.ii	Number of hotline calls received.	42
16	S5.C.3.c.iii	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.3.c.iii.	Yes
17	S5.C.3.c.iv	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. (S5.C.3.c.iv)	Yes
17b	S5.C.3.c.iv	Describe the information sharing actions. (S5.C.3.c.iv)	BMP poster to all restaurants, Hotline banner, pamphlets in self help for car washing, pressure washing and painting, LISTSERV
18	S5.C.3.d	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.3.d.	Yes
19	S5.C.3.d.iv	Number of illicit discharges, including illicit connections, eliminated during the reporting year. (S5.C.3.d.iv)	42
20	S5.C.3.d.iv	Attach a summary of actions taken to characterize, trace and eliminate each illicit discharge found by or reported to the permittee. For each illicit discharge, include a description of actions according to required timeline per S5.C.3.d.iv	2015 IDDE report_20_0317201608 5204

21	S5.C.3.e	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.3.e.	Yes
22	S5.C.4.a	Implemented an ordinance or other enforceable mechanism to address runoff from new development, redevelopment and construction sites per the requirements of S5.C.4.a.	Yes
24	S5.C.4.a.i	Number of exceptions granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)	0
25	S5.C.4.a.i	Number of variances granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)	0
26	S5.C.4.b.i	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.i)	Yes
26b	S5.C.4.b.i	Number of site plans reviewed during the reporting period.	296
27	S5.C.4.b.ii	Inspected, prior to clearing and construction, permitted development sites 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, or alternatively, inspected all construction sites meeting the minimum thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.ii)	Yes
27b	S5.C.4.b.ii	Number of construction sites inspected per S5.C.4.b.ii.	147
28	S5.C.4.b.iii	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls. (S5.C.4.b.iii)	Yes
28b	S5.C.4.b.iii	Number of construction sites inspected per S5.C.4.b.iii.	245
29	S5.C.4.b.ii, iii and v	Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.4.b.ii, iii and v)	38
30	S5.C.4.b.iv	Inspected all permitted development sites that meet the thresholds in S5.C.4.a.i upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.4.b.iv)	Yes
31	S5.C.4.b.ii-iv	Achieved at least 80% of scheduled construction-related inspections. (S5.C.4.b.ii-iv)	Yes
32	S5.C.4.b.iv	Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects. (S5.C.4.b.iv)	Yes
33	S5.C.4.c	Implemented provisions to verify adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that are permitted and constructed pursuant to S5.C.4. a and b. (S5.C.4.c)	Yes

35	S5.C.4.c.iii	Annually inspected stormwater treatment and flow control BMPs/facilities per S5.C.4.c.iii.	No
35b	S5.C.4.c.iii	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.4.c.iii	Not Applicable
36	S5.C.4.c.iv	Inspected new residential stormwater treatment and flow control BMPs/facilities and catch basins every 6 months per S5.C.4.c.iv to identify maintenance needs and enforce compliance with maintenance standards.	Yes
37	S5.C.4.c.v	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.4.c.v)	No
38	S4.C.4.c.vi	Verified that maintenance was performed per the schedule in S5.C.4.c.vi when an inspection identified an exceedance of the maintenance standard.	No
38b	S5.C.4.c.vi	Attach documentation of any maintenance delays. (S5.C.4.c.vi)	Not Applicable
39	S5.C.4.d	Provided copies of the Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity to representatives of proposed new development and redevelopment. (S5.C.4.d)	Yes
40	S5.C.4.e	All staff responsible for 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.4.e)	Yes
42	S5.C.4.g	Participated and cooperated with the watershed-scale stormwater planning process led by a Phase I county. (S5.C.4.g)	Not Applicable
43	S5.C.5.a	Implemented maintenance standards as protective, or more protective, of facility function as those specified in Chapter 4 of Volume V of the 2005 Stormwater Management Manual for Western Washington.	Yes
44	S5.C.5.a	Applied a maintenance standard that is not specified in the Stormwater Management Manual for Western Washington.	No
44b	S5.C.5.a	Please note what kinds of facilities are covered by this alternative maintenance standard. (S5.C.5.a)	
45	S5.C.5.a.ii	Performed timely maintenance per S5.C.5.a.ii.	Yes
46	S5.C.5.b	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	Yes
46b	S5.C.5.b	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	88
46c	S5.C.5.b	Number of facilities inspected during the reporting period. (S5.C.5.b)	86
46d	S5.C.5.b	Number of facilities for which maintenance was performed during the reporting period. (S5.C.5.b)	64

47	S5.C.5.b	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.5.b.	Not Applicable
48	S5.C.5.c	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.5.c.	Yes
49	S5.C.5.d	Inspected all municipally owned or operated catch basins and inlets as per S5.C.5.d, or used an alternative approach. (Required once no later than August 1, 2017 and every two years thereafter, except once no later than June 30, 2018 and every two years thereafter for the City of Aberdeen)	Yes
49b	S5.C.5.d	Number of known catch basins.	1214
49c	S5.C.5.d	Number of catch basins inspected during the reporting period.	410
49d	S5.C.5.d	Number of catch basins cleaned during the reporting period.	379
50	S5.C.5.d.i-ii	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.5.d.i or ii)	Not Applicable
51	S5.C.5.f	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.5.f)	Yes
52	S5.C.5.g	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.5.g.)	Yes
53	S5.C.5.h	Implemented a Stormwater Pollution Prevention Plan 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.5.h)	Yes
54	S7.A	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)	Yes
55	S7.A	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)	S7_TMDL 2015_55_03182016111 912
56	S8.A	Attach a description of any stormwater monitoring or stormwater-related studies as described in S8.A.	Summary of Stormwater Monitori_56_031720160 84730
57	S8.B.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for status and trends monitoring. (S8.B.1)	Yes
57B	S8.B.2	If choosing to conduct individual status and trends monitoring, attach an annual stormwater monitoring report in accordance with S8.B.2. (Required to submit reports beginning March 31, 2016)	

58	S8.C.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for effectiveness studies. (S8.C.1) (Required to begin no later than August 15, 2014)	Yes
58b	S8.C.2	If choosing to conduct discharge monitoring, attach an annual stormwater monitoring report in accordance with S8.C.2 and Appendix 9. (Required to submit reports beginning March 31, 2016)	
59	S8.D.1	Contributed to the RSMP for source identification and diagnostic monitoring information repository in accordance with S8.D.1. (Required to begin no later than August 15, 2014)	Yes
60	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
61	G3	Number of G3 notifications provided to Ecology.	1
62	G3.A	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
63	S4.F.1	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
64	S4.F.3.a	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.	Not Applicable
65	S4.F.3.d	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
66	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)	Yes
67	G20	Number of non-compliance notifications (G20) provided in reporting year.	1
67b	G20	List the permit conditions described in non-compliance notification(s).	S5.C4.b.ii.-v., S5.C4.b.vi., S5.C4.c., S5.C4.d., S5.C4.c., S5.C5., S7.A.

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.

Barry Loveless

3/30/2016 4:16:24 PM

Signature

Date

West Sound Stormwater Outreach Group

Members:

City of Bainbridge Island -
Melva Hill and Cami Apfelbeck

City of Bremerton - Teresa
Smith

City of Gig Harbor - Wayne
Matthews

Kitsap County - Michelle
Perdue and Cammy Mills

City of Port Angeles -
Jonathan Boehme

City of Port Orchard -
Andrea Archer-Parsons, Janet
Kearsley and Zack Holt

City of Poulsbo - Anja Hart

U.S. Navy - Bryan Haelsig,
Peter Haun and Nikki Bennett

2015 Summary of Activities

HIGHLIGHTS

2015 was a year of maintenance and growth, with the group focusing on maintaining and improving existing programs, as well as monitoring regional efforts on potential future project targets.

The year saw a few staff transitions within the jurisdictions, with several new members welcomed into the group and a few cherished members saying goodbye.

- Bryan Haelsig of the U.S. Navy turned over the reins for their program to Peter Haun, who managed the transition for Nikki Bennett, the Navy's new representative for our group.

- Melva Hill of Bainbridge Island achieved a well-deserved retirement, and passed the torch to Cami Apfelbeck, who will be managing their transition until they hire a permanent replacement in 2016.

- The City of Port Orchard has seen two new staff members over the course of the year, including Janet Kearsley and Zack Holt, who is their new representative for our group.

Pet Waste in Public Areas

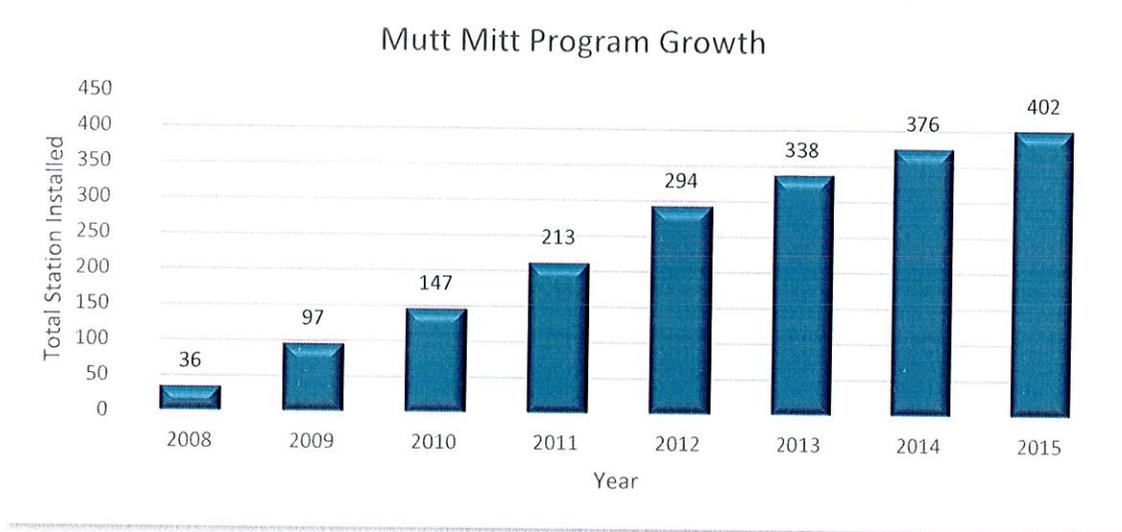
The Mutt Mitt Program

Members of the WSSOG meet the requirements of S5.C.1.c through the Mutt Mitt program. The Mutt Mitt program is focused on encouraging dog walkers to pick up after their pet when they are in public places such as parks, apartment complexes, or neighborhoods.

Each Permittee shall measure the understanding and adoption of the targeted behaviors for at least one target audience in at least one subject area. No later than February 2, 2016, Permittees shall use the resulting measurements to direct education and outreach resources most effectively, as well as to evaluate changes in adoption of the targeted behaviors. Permittees may meet this requirement individually or as a member of a regional group.

NPDES Municipal Stormwater Permit - S5.C.1.c

Adoption of the target behavior is measured in part through growth of the Mutt Mitt program. As of the end of 2015, there are a total of 402 pet waste stations distributed throughout the Kitsap Peninsula; ninety-seven stations (24%) are privately sponsored and 305 are sponsored by NPDES municipal permittees. This means that dog walkers throughout the region see similar desirable behavior messaging for adoption as the norm. In 2015, Twenty-six new Mutt Mitt stations were installed throughout the county and one new station was installed in Port Angeles.



Bag total by location

Bainbridge Island	5,400
Bremerton	136,000
Gig Harbor	0
Port Angeles	60,000
Port Orchard	3,600
Poulsbo	63,800
Kitsap County	249,000
Private Mutt Mitt Sponsors	139,756
Total	657,556

When asked to report the bag usage, 43% of private station sponsors reported using 139,756 bags, which are purchased with their own funding. Actual bag use is likely much higher since nearly 60% of sponsors did not report bag usage. NPDES municipal permittee sponsored stations distributed a total of 517,800 bags. Therefore the total bags distributed translated to 109.5 tons of dog poop picked up.

Dog walkers rely upon stations that are reliably stocked with bags to help them adopt this behavior. It's essential that Mutt Mitt branded stations are continuously stocked and in good working order. Kitsap County conducts inspections of all the Mutt Mitt stations on an annual basis. In 2015, 87% of all Mutt Mitt stations passed their inspection, meaning that they were stocked with bags. Those whose stations did not pass their first inspection were inspected a second time. If the station failed both inspections, the Mutt Mitt sponsors were contacted and offered 500 bags per station to help them get stocked again.

The WSSOG implemented the regional program in 2008. After 6 years it was time to refresh the program. In 2014, an evaluation was conducted measure the understanding and adoption of the

targeted behavior (see NPDES Permit S5.C.1.c). Both Mutt Mitt sponsors and users were asked about their experience with the program (see attachment for complete results).



Mutt Mitt Survey
Summary final.pdf

To measure their understanding of the desired behavior, Mutt Mitt users were asked, “How important do you think it is for dog owners to pick up their pet waste *and* put it in a garbage can?” Eighty three percent of respondents said it was “extremely important” and the remaining 17% said it was “very important”.



The Mutt Mitt program has been promoted in a way that is intended to align with the values of our target audience and not necessarily its value as a way to prevent pollution. Interestingly however, when Mutt Mitt sponsors were asked why they choose to sponsor a station, “protecting water quality” was the top reason. This indicates that sponsors understand the value of desired behavior to their neighborhood and the environment.

As a result of the survey, a number of improvements to the Mutt Mitt program have been made including:

- Stickers stating “scoop it, bag it, trash it” were placed on dispensers during 2015 inspections to cover the phrase “degradable pick-up mitt”. Sponsors felt this phrase was confusing so that people would leave the bagged waste on the ground.
- WSSOG members distributed clip-on leash bag dispensers to make pet waste disposal more convenient (evaluation identified not having a bag as a primary reason people don’t pick up). This has the dual effect of helping build the norm around pet waste pickup by making the desired behavior more visible.
- Following conversations with Mutt Mitt sponsors, Kitsap County conducted a small trial to see whether brightly colored bags are disposed of properly more often than dark colored bags. As a result, Kitsap County now provides a starter supply of brightly colored pet waste bags to accompany all new stations.
- Mutt Mitt sponsors indicated that the cost of buying replacement bags was a significant challenge for them. In response, we now offer Mutt Mitt sponsors an annual allotment of 500 free bags per station.

After administering this survey, we received complaints from sponsors that there was a significant amount of pet waste being disposed of improperly at some parks (the waste was either unscooped or bagged and left on the trail). Volunteers were asked to count the number times they saw waste that was disposed of improperly for a week. We then compared this number to the number of bags distributed to that park on an annual basis, and found that the noncompliance rate was extremely low, less than 3%. While this was a somewhat rough calculation, we felt confident in using it to direct the program due to

the fact that the count took place during high use summer months, and therefore was likely an overestimate of the amount of waste being disposed of improperly.

In addition to continued growth of the Mutt Mitt program through providing new stations and bags, the group purchased a Poop Toss game, which is shared amongst the jurisdictions. The game is used at outreach events and teaches players the appropriate way to dispose of pet waste. The WSSOG borrowed the game in 2014 and it was so well received that the group decided to obtain their own game. In 2015, it was used by the Cities of Port Angeles and Poulsbo where they reached over 350 and 200 people, respectively. The humorous nature of the game attracts participants of all ages and makes it easy to start a conversation about a topic people might otherwise have preferred to avoid. Not only do game participants learn about the correct behavior when they play, they also receive a Puget Sound Starts Here-branded clip-on bag dispenser for playing which gives them the tool they need to implement the behavior.



In 2015, a survey was developed to help direct a backyard pet waste program. This survey will be administered to residents in partnership with Kitsap Public Health. In 2016, we will administer the survey and use the results to develop a backyard pet waste campaign.

Illicit Discharge Detection and Elimination Program

Keeping Small Spills From Becoming Big Problems

Regional Spills Hotline

The Spills Happen effort, meant to encourage people to report spills, continued in 2015. Several jurisdictions are currently posting the hotline on their websites, and other outreach methods included distribution of paint sticks featuring the hotline number; display of the "Spills Happen" banner at events, in billing offices and public spaces; and an ad in the Spring 2015 WasteWise Living newsletter, a publication that is direct mailed to all Kitsap County residents including those that reside in the cities. (Gig Harbor and Port Angeles are outside of the hotline area.)

Port Angeles promoted its own city hotline number by sending out a utility bill mailer to all of its utility customers advertising the Spills Happen theme and their own unique hotline number.



In addition, 4200 paint sticks featuring the spills hotline phone number and a BMP message were distributed to locations throughout Kitsap County, Bainbridge Island, Bremerton, Gig Harbor, Port Angeles, Port Orchard and Poulsbo. To evaluate the effectiveness of the paint sticks, stores that distribute them in Kitsap County were asked to respond to a brief survey.

While survey respondents (employees and store managers) were unable to gauge their customers' reactions to the paint sticks, 100% (10) of respondents indicated that one of the main reasons they participated in the effort was that it showed their customers that they care about their community and the environment. In addition, 60% indicated that they intend to continue participating in the campaign and the remaining 40% were neutral. Given the positive response from businesses, there may be an opportunity to expand this partnership.

A total of 65 calls were received in 2015 by Kitsap1 to the hotline number. In addition, cities also received several reports directly

to their jurisdictions. (Poulsbo – 17, Bremerton – 11, Port Orchard – 11) Port Angeles has its own hotline number – 360.417.4745 - and web reporting form, and reported 7 hotline calls in 2015. (See NPDES Permit S5.C.3.c.ii).

Internal Staff IDDE Training



Kitsap County revised their internal staff IDDE Training in 2015. Elements from the Washington Stormwater Center training were incorporated as well as key giveaways for those completing the training as developed by Pierce County. A new graphic with simple messages was developed for staff reference when reporting a spill. Elements of Kitsap County's training program were created to be sharable with WSSOG members in order for them to conduct their own trainings. Shareable items included training videos, activities and post-training quiz and evaluation. Over the course of 2015, several jurisdictions

implemented innovative training solutions, including using reciprocal trainers to provide the sessions for each other's employees to improve retention. Port Angeles used a version of these graphics on coffee mugs with their own spill reporting number to encourage participation and engagement during staff IDDE training.



Puget Sound Starts Here

Around the West Sound



In May we once again celebrated “Puget Sound Starts Here Month”, a regional effort to raise awareness about the harm to Puget Sound from polluted stormwater runoff and simple actions residents can take to reduce their impact. Local implementation of Puget Sound Starts Here (PSSH) Month included a variety of outreach approaches.

Two cities purchased on-screen cinema ads for the months of May and June, featuring the PSSH Public Service Announcement (PSA) about car leaks and yard care. These ads appeared on 10 screens in Gig Harbor at the Uptown Galaxy Theater (car leaks) and on 8 screens in Port Angeles at Deer Park Cinemas (yard care), at least two times prior to each feature film on every screen throughout the month, with between 2800 and 6000 impressions each month depending on how many ads were in the cycle. Theatergoers could expect to see the ad within six minutes or less before the start of each movie, and if they were there earlier, could view those ads every six minutes in rotation. These professionally produced 30-second PSAs were produced by the City of Seattle for PSSH, and featured the municipality’s logo (either Gig Harbor or Port Angeles) at the close.

Outreach efforts included the popular distribution of beverage coasters and coffee sleeves to local restaurants and coffee shops. (Appendix C) We had 100% group participation in the PSSH campaign in 2015, expanding distribution with several new products, including carabiners and pet waste leash dispensers, which built on the existing pet waste program.

Collectively, these efforts placed over 40,950 “Puget Sound Starts Here”-branded items in the hands of countless Peninsula residents and visitors. This total is 25.52% more than the distribution from the previous year, and expanded previous efforts to strategically place this messaging into the hands of residents.

Additionally, feedback from participating coffee shops informed us that hot drink sleeves would be more widely received in the winter months. Based on that information, Kitsap County and Port Orchard both piloted a secondary distribution of coffee sleeves in the winter months and performed a short evaluation of that process which will influence future distribution efforts.

Kitsap County and City of Bremerton gathered a group of 100 attendees for the STORM-sponsored “Puget Sound Starts Here” night at the Mariners, an annual event with Scoopy Doo and a PSSH booth for the public.



Regional Partnerships for a Comprehensive Approach

STORM Continues Coordinating Regional Outreach

Kitsap staff continues to represent the County and cities within STORM as part the WSSOG's partnership in larger regional efforts. In 2015 Kitsap staff provided input on STORM's BMP prioritization process, the STORM Work Plan, and participated in the 2015 STORM Symposium as panelists. Significant accomplishments are summarized in the annual STORM report (included as Appendix A).

Among the highlights of the year were:

- Kitsap staff worked with several small workgroups under STORM's umbrella in 2015 on issues of regional significance. Kitsap County applied for a GROSS grant addressing mobile business outreach, and additionally participated in the workgroup addressing commercial and multifamily dumpster maintenance outreach. This effort resulted in piloting a dumpster/grease illicit discharge complaint system where Kitsap Public Health District will assist Kitsap municipalities with problem sites (see *Kitsap Public Health District Dumpster Inspections*).
- The annual STORM Symposium in November, where Kitsap staff took part in two sessions – Transferring a Successful Outreach Program to Your Jurisdiction, and the Mobile Business Outreach Program.
- STORM has continued to shape the PSSH campaign and has advocated for BMPs to remain a visible and accessible part of the campaign.

Kitsap Public Health District Dumpster Inspections

Kitsap County Storm Inspectors work in partnership with the Health District on problematic dumpster and food waste issues – those sites that are continuing problems. Kitsap Health Food Inspectors are looking for dumpster/grease problems when they do their food permit inspections. They report the issue back to the Health District's Pollution Identification and Correction program (PIC), who follows up with the businesses. These follow ups are documented in the Kitsap 1 complaint response system so they are able to be coordinated with the jurisdictions, as well as count them as a spill report.

Looking Ahead at 2016

Evaluating, Responding and Improving

Working within the scope of the interlocal agreements implemented in 2014, WSSOG members evaluated the Work Plan to guide 2016's activities. (Attached as Appendix B) The focus for the year will be to review and revise existing programs and to build on new opportunities raised by regional group efforts.

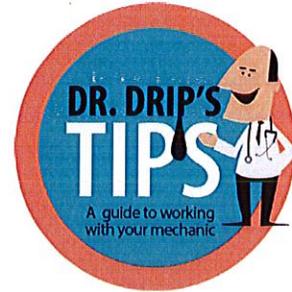
The first half of the year will be spent examining efficient and effective ways to continue the Mutt Mitt Program and IDDE



program, as well as update the Backyard Pet Waste Program Plan based upon the residential intercept surveys. Additionally, an Education & Outreach Plan for Hotline Promotion will be developed to determine how ongoing promotion of the hotline should occur.

In the second half of the year, we will create and implement a Dumpster Outreach Plan based on the research completed in 2015 and the efforts of the regional Dumpster Maintenance Outreach Workgroup.

On a regional scale, the WSSOG will take advantage of the work underway by the STORM Vehicle Leaks Committee to see what opportunities arise to encourage our residents to find and fix leaks. This will primarily entail recruiting local automotive shops to participate in offering discounts and other incentives as part of the Don't Drip and Drive campaign during the summer months.

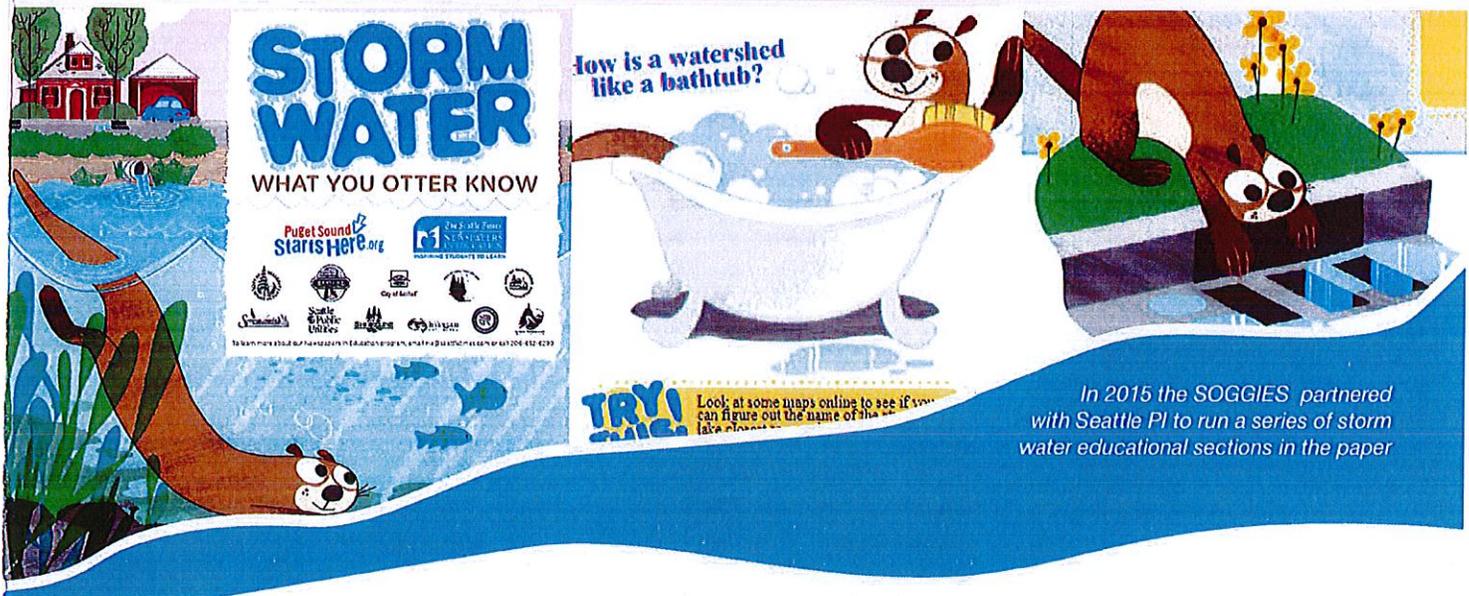


The WSSOG will also monitor STORM's evolution of the Puget Sound Starts Here campaign, and will present the suggestion to extend the distribution of materials to other times of the year. In May, we will participate in Puget Sound Starts Here Month through outreach to local restaurants and coffee shops. Expanded distribution may again be planned for November and December in selected jurisdictions, as well as some evaluation of both the coffee sleeve and paint stick distributions.

The group will continue to participate in the Mobile Business Outreach workgroup and take part as appropriate.

Finally, members will continue to monitor and provide input on the regional BMP prioritization process as it occurs, and use the outcomes of this process in WSSOG efforts as applicable.

APPENDIX A
STORM ANNUAL REPORT



In 2015 the SOGGIES partnered with Seattle PI to run a series of storm water educational sections in the paper

About STORM

STORM is the acronym for Stormwater Outreach for Regional Municipalities. We are a coalition of city and county governments working together to improve water quality in our lakes, rivers, streams, and Puget Sound by meeting outreach requirements from the federal Clean Water Act.

STORM's Vision: People living and working in our communities take actions that protect water quality within the Puget Sound Basin.

STORM's Mission: Work together with regional partners to address polluted runoff by advancing broad-scale behavior change.

If your municipality would like to join STORM, or receive our updates, send your request to Tiffany O'Dell, Pierce County, at todell@co.pierce.wa.us

STORM is Getting a Coordinator

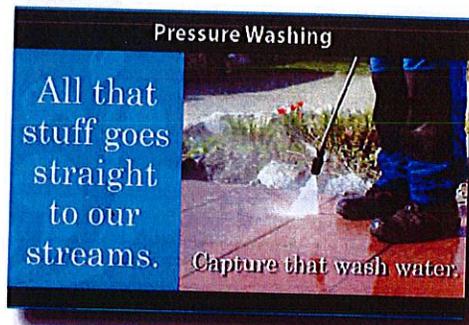
2015 saw a lot of discussion about a STORM Coordinator; the majority of STORM members (86%) backed using funds to create a position to provide more services to members. This position will be housed at King County. The final details are being negotiated between Ecology and King County on the work needed to support STORM, its members and projects.

A candidate from the King County Vets 4 HIRE Fellowship program will step in as coordinator to support STORM and its members in January 2016. Other funded tasks will include creating an easy to use online sharing tool that will allow project materials to be uploaded, searched for and shared, and providing website support for Puget Sound Starts Here, Natural Yard Care, Don't Drip & Drive, and other STORM web needs.

We will work together to be sure that the tool works for all STORM members. Hiring a Coordinator, technical support for STORM's campaign websites, and the development of a sharing tool will all increase our ability to effectively work together and the productivity of the STORM group.

The STORM Coordinator will alleviate some of the pressure on the STORM Core team to complete administrative tasks such as sending announcements, maintaining the membership directory, scheduling overall network meetings and work group meetings, maintaining the STORM website and more. This will provide the Core team with more time to focus on strategic activities such as grant management, coordination with other regional groups and more.

For more information about the STORM Coordinator, contact Mary Rabourn, King County, at Mary.Rabourn@kingcounty.gov



STORM Symposium Grows in Popularity

STORM's fifth annual Symposium attracted more than 80 STORM members and guests. The Symposium was held at the Brightwater Education Center for the second year. The keynote address by Guillaume Mauger, UW Climate Impacts Group, about impacts to stormwater from climate change. Break out sessions were well attended, and topics included:

- Mobile business outreach program
- Reaching out to multicultural audiences
- Successful outreach partnerships
- Informed consent
- Lakewise behavior change program
- Field-based youth education programs
- Transferring a successful outreach program to your jurisdiction
- NPDES group collaboration

A big thank you to the symposium planning committee and all presenters and attendees. For more information and to get involved in 2016, contact Janet Geer, City of Bothell, Janet.Geer@bothellwa.gov



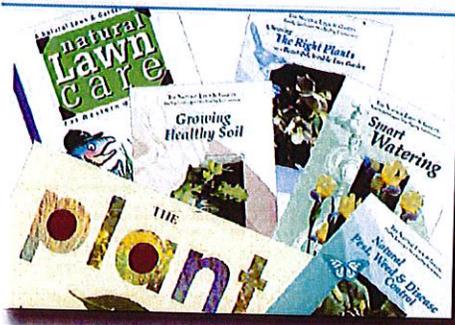
Don't Drip and Drive Receives Phase III Grant

King County received a GROSS grant for the third phase of Don't Drip and Drive. The program will be launched again in Fall 2016. The program will continue partnership with repair shops, advertising and leak testing events. Leak testing events will be changed to advertise events to the public, instead of having people at a specific event attend by default. In addition, the program will be expanded to include:

- Partnerships with quick lube shops
- Spanish language resources and advertising
- Expansion of auto leak workshops to Snohomish and Pierce counties

STORM members and other partners will be invited to participate in the program advisory committee and to use program resources to promote repairing vehicle leaks locally.

To learn more or get involved in 2016, contact Mary Rabourn, King County, Mary.Rabourn@kingcounty.gov



Natural Yard Care Program Evaluation Completed

Snohomish County and the City of Olympia, received a GROSS Grant and NEP Grant in fall 2013 to partner with 17 cities to conduct an experiment to compare and contrast the effectiveness of two natural yard care programs: 1) A Natural Lawn Care coach and demonstration event program and 2) Natural Yard Care three-lecture workshop series program. Both programs were shown to result in statistically significant levels of adoption of a variety of yard care best practices. To see the final report, visit the following web page on the STORM website: pugetsoundstorm.weebly.com/natural-yard-care-gross

For more information about the Thurston County program, contact Susan McCleary, City of Olympia, smccleary@ci.olympia.wa.us. For information about the Snohomish County program, contact Peggy Campbell, Snohomish County, Peggy.Campbell@co.snohomish.wa.us



Dumpster Maintenance Work Group

A group of approximately 10 jurisdictions worked together in 2015 to share ideas about development of dumpster maintenance outreach programs. The group partnered with the Department of Ecology's Local Source Control program. The group discussed audiences, barriers and benefits and outreach methods. City of Bothell provided a program example and some members of the group planned to pilot it in their jurisdictions. Group members agreed to continue to share information and share results.

For more information, contact Tiffany O'Dell, Pierce County, todell@co.pierce.wa.us

Puget Sound Starts Here Night at the Mariners

The fourth annual Puget Sound Starts Here Night at the Mariners was a huge success. 827 fans registered to receive the coveted PSSH Mariners t-shirt and many folks stopped by to play games and say "hi" to Bert the Salmon and Scoopy Doo. Volunteers also got into the game by wearing vintage attire to match the team throwback theme. Mark your calendar for the fifth annual game May 14th against the Los Angeles Angels.

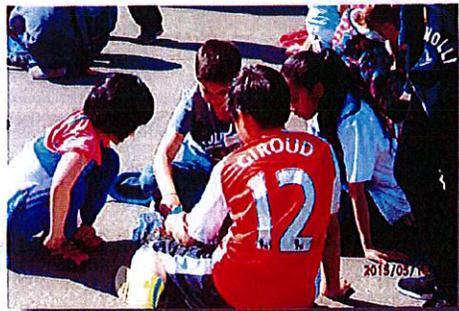
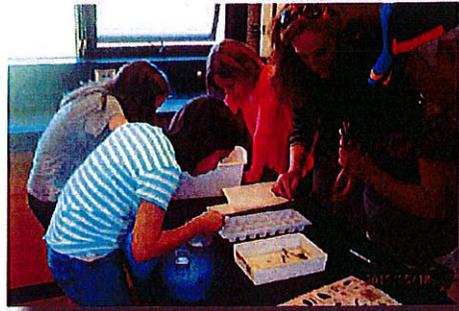
For more information and to get involved in 2016, contact Mary Rabourn, King County, Mary.Rabourn@kingcounty.gov

Drain Rangers Receives Grant

In 2014-2015 the Pacific Education Institute (PEI), STORM, and the Puget Sound Partnership (PSP) brought formal and informal educators, curriculum administrators, and jurisdictions together to create curricula that met the needs of all participants. The beauty of the Drain Ranger curriculum, and what sets it apart from all the others, is that it simulates the Measure of Student Progress (MSP) standardized tests that students are required to take each spring. The curriculum weaves together stormwater education while helping students practice for the English Language Arts reading and standard testing requirements. This innovative approach is seen as a gift to the teachers by providing all the information and materials they need within the lesson plan to meet the new federal Common Core requirements.

The City of Bothell, on behalf of STORM, has received grant funding to complete needed curriculum extensions (videos, articles, illustrations, etc.), provide additional teacher training, provide implementation support (in-school assistance and evaluation), and support an education conference for those teaching in stormwater and wastewater across the region. The grant also provides funding for PEI to adapt the curriculum and provide teacher training for those teaching in Eastern WA. All new tools and resources will be provided as they are created and the curriculum is available for anyone to use here: pugetsoundstartshere.org/drain-rangers

To learn more, contact Janet Geer, City of Bothell, Janet.Geer@bothellwa.gov



Mobile Business Work Group Receives Grant

Mobile businesses are a challenging group to pin down. STORM's Mobile Business Working Group, led by the Washington Stormwater Center, met in 2015 to discuss strategies for affecting behavior change among mobile businesses. The group determined that a regional approach would solve the primary challenge this group presents - businesses that work throughout multiple jurisdictions making consistent messaging and compliance difficult.

The group decided to apply for a Grant of Regional or Statewide Significance (GROSS) from the Department of Ecology. In addition to STORM members, jurisdictions throughout Eastern Washington showed a strong interest in getting involved in the program. The group received a grant and with support from around the state, they will develop a statewide outreach program, in multiple languages, with strategies to foster an environment of compliance. The mobile businesses identified for the first phase are painters, pressure washers, carpet cleaners and vent hood cleaners. Additional business types may be added in the future.

To learn more or get involved, contact Lisa Roszmyrn, Washington Stormwater Center, Lisa.Roszmyrn@wsu.edu.



STORM Members Use Chinook Book for Outreach

STORM has been working with Chinook Book over the last year to see if we could use mobile devices to raise awareness around polluted stormwater runoff, offer behavior change coupons to a wider audience, and leverage an existing platform with regional partners. 13 jurisdictions signed up to purchase Chinook Book smartphone app subscription cards with 12-month access codes to hundreds of offers and educational resources. Chinook Book also provided us with mobile ad space for four monthly ads throughout the subscription year and a splash page that shows the PSSH logo when users access the app.

Chinook Book is tracking the use of the purchased codes and will be able to provide us with the number of people using the app, number of BMP related coupons redeemed, and the geographic location of where the coupons were redeemed over the next year. We will then be able to see if, when, and how we can partner with them regionally in the future.

For more information, contact Janet Geer, City of Bothell, Janet.Geer@bothellwa.gov



Green Deals for Green Deeds! Puget Sound Starts Here

Get your **FREE** Chinook Book coupon app!
(A \$15 value, and hundreds more in savings)

To keep water clean, I

- Wash my car at a carwash or on the lawn
- Scoop my pet's poop and put it in the trash
- Check my car for leaks and get them fixed
- Rarely use fertilizers, or only slow release, organic fertilizers on my lawn

Every drop helps! Thank you for taking on your personal pollution and supporting businesses trying to help.

Thank you to all the jurisdictions and Washington state agencies who help make STORM successful by giving input, promoting Puget Sound Starts Here, collaborating and working throughout the Puget Sound region to prevent water pollution.

The STORM Core Team:
Betsy Adams, City of Kirkland - badams@kirklandwa.gov

Janet Geer, City of Bothell - janet.geer@bothellwa.gov
Mary Rabourn, King County - mary.rabourn@kingcounty.gov
Sylvia Cavazos, City of Seattle - sylvia.cavazos@seattle.gov
Tiffany O'Dell, Pierce County - todell@co.pierce.wa.us



APPENDIX B

WSSOG 2016 WORK PLAN

Sustain successful efforts (Objective 2, Task 2.2)

- Continue Pet Waste Outreach
 - Update Backyard Pet Waste E&O Plan
 - Continue to implement updated Mutt Mitt E&O Plan
 - Sustain Mutt Mitt Program through the addition of 40 more stations
- Plan for sustained Hotline Outreach
 - Track IDDE campaign research and development from STORM, participate if appropriate and update our plan as applicable
 - Consider:
 - Paint Sticks (Consider evaluation)

BMP Prioritization (Objective 3, Tasks 3.1, 3.2)

- Continue to monitor STORM's BMP prioritization process
- Use outcomes of STORM process as applicable in SOG work (year round)

New behavior campaign development (Objective 3 & 4)

- Monitor STORM's dumpster outreach campaign research and development and participate as appropriate
- Create and implement a Dumpster Outreach Plan
- Monitor the progress of STORM's mobile business campaign and participate as appropriate

Other opportunities (Objective 7)

- PSSH Month (May. Consider additional fall campaign and evaluation)
- Don't Drip and Drive campaign (summer – if offered through STORM)
- Cinema ads (summer – Port Angeles & Gig Harbor)
- School lessons (year round – Poulsbo & Port Orchard)
- STORM PSSH advertising opportunity (spring)

Strengthen coalition and represent WSSOG on regional efforts (Objective 8)

- Capacity building/training as needed (year round)
- STORM & PSSH support (year round)

APPENDIX C

WSSOG 2015 COASTER AND SLEEVE DISTRIBUTION

Coasters		Coffee Sleeves	
BAINBRIDGE ISLAND			1400
Distribution list not available at time of printing			
POULSBO	2500		1350
Valholl Brewing Co	277	Caffe Cocina	150
Sheila's Port Side Pub	277	Cups Espresso	150
The Loft Restaurant	277	Hot Shots Java	150
Sogno Di Vino	277	Liberty Bay Books	150
Slippery Pig Brewery	277	Fat Apple Bakery	150
Tizley's Euro Pub	277	Poulsbohemian	150
Hare & Hounds	277	Jak's Café	150
Sound Brewery	277	Poulsbo Perk	150
Chocmo	277	Latte On Your Way	150
Staff	7		
BREMERTON	2500		2000
Bremerton Bar and Grill	375	Manette Coffee Company	140
Toro Lounge	375	Christale's Java Hut & Juanito's	140
McClouds	375	Espresso Lane	100
Fritz Fry House	125	Cowgirl Coffee	140
Manette	500	The Coffee Spigot	100
Arena	375	Simply Sublime	140
Horse and Cow	375	Cornerstone	140
		Coffee Oasis	140
		2nd Shot Espresso	120
		Bay Vista	140
		2 Blocks Up Café	140
		Fraiche Cup	140
		Harbor Market	140
		Caffe Perfetto	140
		The Bridge	140
PORT ORCHARD			
May Distribution	3500		1000
Family Pancake House	250	Express Espresso	100
Lighthouse Restaurant	250	Chug-A-Tug	100
Kai Pan Asian	250	Bay Buoy Espresso	100

Blue Goose Bar	250	Jump Start Java	100
Hi-Joy Bowl	250	Stormy Espresso	100
Moon Dogs II	375	Grinderfest	100
Wiskey Gulch	250	Second Wind Coffee	100
Amy's on the Bay	375	The Frothie Bean	100
Hi-Tide Tavern	250	Coffee Oasis	100
Slaughter Co. Brewery	375	Brewed Awakening	100
Red Dog Saloon	250		
McCormick Woods	375		
December Distribution	2125		1200
Blue Goose Bar	250	Express Espresso	100
Hi-Joy Bowl	250	Chug-A-Tug	100
Moon Dogs II	375	Bay Buoy Espresso	100
Amy's on the Bay	375	Jump Start Java	100
Hi-Tide Tavern	250	Stormy Espresso	100
Slaughter Co. Brewery	375	Grinderfest	150
Red Dog Saloon	250	Second Wind Coffee	100
		The Frothie Bean	150
		Coffee Oasis	100
		Brewed Awakening	150
		Crème Café	100
KITSAP COUNTY			
May Distribution	6500		6400
Round Table Pizza	250	Express Espresso	200
Hop Jacks	500	Java Joint	200
Our Place Pub	250	Brewberry Hill	200
Old Town Pub	250	Café Noir	200
Whiskey Creek Steakhouse	500	All Star Espresso	200
Los Corales	250	Simply Sublime (Silverdale)	200
Main Street Ale House	500	Simply Sublime (Chico)	200
Pizza Factory	250	Keyport Mercantile	200
Puerto Vallarta	500	The Cup & Muffin	500
Drifters	250	Mystic Mountain	200
Bella Luna Pizzeria	250	J'aime les crepes	200
Sully's	500	Jumpin' Java	1100
Der Blokken Brewery	250	Coyote Coffee	200
Clover Leaf	250	DRINKWORx Coffee Co.	200
AC Sports Bar	250	East Side Java	200
Manchester Pub	375	Cutter's Point Coffee	200
Manchester Grill	500	Supreme Bean	200

Port Gamble Bar/ Resturant	250	Express Espresso	200
Silver City	375	Light House Espresso	200
		Gamble Bay Coffee	200
		Borwnsville Junction Java	200
		Reality Coffee Company	200
		Gamble Bay Coffee	200
		Port Gamble General Store	200
		Latte your way	200
		Kelly's Latte and Espresso	200
December Distribution			4800
		Express Espresso	200
		Java Joint	200
		Brewberry Hill	200
		Café Noir	200
		All Star Espresso	200
		Simply Sublime (Silverdale)	200
		Simply Sublime (Chico)	200
		Keyport Mercantile	200
		The Cup & Muffin	400
		Smither's Jitter Espresso	200
		Mystic Mountain	200
		J'aime les crepes	200
		Jumpin' Java	400
		Coyote Coffee	200
		DRINKWORx Coffee Co.	200
		East Side Java	200
		Cutter's Point Coffee	200
		Supreme Bean	200
		Express Espresso	200
		Light House Espresso	400
		Gamble Bay Coffee	200
PORT ANGELES			750
		Blackbird Coffeehouse	150
		Bella Rosa Coffee House	150
		A Cup Above	150
		Easy Street Coffee House	150
		Grandview Coffee Shop	150
GIG HARBOR			500
Gourmet Burger Shop	100	Kelly's Restaurant	200
Spiro's Restaurant	200		

Kelly's Restaurant	100	
TOTAL	17625	18750

IDDE Incident Investigation Log Sheet

Case Number	Creation Date	Case Description	Status	Initials
2015-01	01/07/15	TRACKOUT & NO EROSION CONTROLS, SORREL WAY	CLOSED	GV/MH
2015-02	01/07/15	DRUM DUMPED (55 GAL) AT HIGH SCHOOL X SR305	CLOSED	GV
2015-03	01/08/15	CITY SWEEPER DISCHARGING TO STORM SYSTEM ON WALLACE	CLOSED	MH
2015-04	01/09/15	SEPTIC FAILURE TO DITCH, HENDERSON ROAD	CLOSED	KPHD
2015-05	01/22/15	SANITARY SEWER ODOR FROM CATCH BASIN IN CITY HALL VISITORS PARKING	CLOSED	MH
2015-06	01/27/15	SAWCUT RESIDUE WASHING INTO CB ON POLLYS LANE -VISCONSI-SETON	CLOSED	JH
2015-07	02/09/15	UNKNOWN SUBSTANCE RAVINE CREEK INLET SOUTH SIDE OF PED BRIDGE IN PARK	CLOSED	MH
2015-08	02/13/15	SAWCUTTING WITHOUT BMPs, ROW MADISON AVE	CLOSED	MH
2015-09	02/20/15	TRACKOUT FROM TRIANGLE, LYNWOD X BUCKLIN	CLOSED	MH
2015-10	03/03/15	PAINT DUMPING TO CB AT LYNWOOD COMMONS	CLOSED	MH
2015-11	03/09/15	SEPTIC FAILURE TO MS4, BLIGH COURT	OPEN	KPHD
2015-12	03/12/15	SLOP (GARBAGE) ON TOP OF TRASH CANS - CITY HALL, WATERFRONT PARK, ETC	OPEN	MH
2015-13	03/15/15	SILT TO FLETCHER BAY (REFER TO 2014-17)	OPEN	MH
2015-14	03/23/15	WINDSHIELD WASH LIQUID DUMPED TO CB, ISLAND CENTER 76	CLOSED	MH
2015-15	03/02/15	GREASE TRAP OVERFLOW TO GROUND, HARBOUR PUB	CLOSED	KPHD
2015-16	03/24/15	DUMPING (FILLING) IN WETLAND, DAY X MANZANITA	CLOSED	MH
2015-17	03/16/15	SEWER BLOCKAGE SPILL 595 MADISON	CLOSED	CK
2015-18	05/07/15	SEDIMENT IN THE TRIB TO HAWLEY CREEK	CLOSED	MH
2015-19	05/11/15	DUMPING OF STONE SAWCUT RESIDUE TO CB (STONECRESS)	CLOSED	MH
2015-20	05/13/15	OIL SPILL ON ROADWAY VALLEY ROAD	CLOSED	RN
2015-21	05/29/15	SAWCUT RESIDUE ON FINCH RD, GRANITE CO.	CLOSED	MH

Case Number	Creation Date	Case Description	Status	Initials
2015-22	06/29/15	BLEACH WALL CLEANER AT ISLAND CROSSING CONDOS	CLOSED	MH
2015-23	06/29/15	SEWER SPILL STETSON PLACE	CLOSED	CK
2015-24	06/29/15	DOG FACILITIES IN KOURA FARMS STORM POND	CLOSED	MH
2015-25	09/30/15	SEWER SPILL DEERCLIFF RD	CLOSED	CK
2015-26	07/09/15	FOOD TRUCK DRAIN AT ISLAND FITNESS, SMOOTH-E	CLOSED	MH
2015-27	08/03/15	SILT DISCHARGE GROW COMMUNITY	CLOSED	JH
2015-28	08/13/15	CONCRETE WASHOUT MANITOU PARK BLVD	CLOSED	MH
2015-29	09/17/15	YARD DEBRIS DUMPING CRYSTAL SPRINGS	CLOSED	MH
2015-30	09/30/15	SEWER SPILL FORT WARD	CLOSED	MH
2015-31	09/30/15	DEBRIS IN CATCH BASIN POLLY'S LANE	CLOSED	JH
2015-32	10/12/15	CARCASS OF COW IN DITCH, KALLGREN RD	CLOSED	RN
2015-33	05/18/15	ROUNDUP USE IN THE RIGHT OF WAY, SPORTSMANS CLUB	OPEN	MH
2015-34	12/10/15	ECOLOGY INSPECTION GROW COMMUNITY	OPEN	CB
2015-35	08/11/15	SEWER SPILL 600 DEERCLIFF	CLOSED	CB
2015-36	10/12/15	SILT AND SEDIMENT DISCHARGE TO MS4 ASHBURY	CLOSED	CB
2015-37	10/15/15	DISCARDED PAINT OPEN CANS VINEYARDS	OPEN	MH
2015-38	10/23/15	CLEARING AND DEVELOPMENT ROSE LOOP	OPEN	CB
2015-39	12/01/15	OIL SPILL (TRANSFORMER) 6333 CRYSTAL SPRINGS	CLOSED	MH
2015-40	12/07/15	DUMPING CONTAINER RINSE AT COPPERTOP DISTILLERY	CLOSED	CB
2015-41	12/07/15	TRIANGLE SEDIMENT RUNOFF	OPEN	CB
2015-42	12/24/15	SEWER SPILL GROW AVE	CLOSED	CB

S7. A Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2.

To meet the Operation and Maintenance portion of the NPDES Phase II Section S7.A Compliance with Total Maximum Daily Load Requirements the following actions were taken in 2015.

- 1) All catch basins in the TMDL area were inspected and cleaned as necessary in 2015 as summarized below:
 - a) 121 catch basins were inspected
 - b) 118 catch basins were cleaned
 - i) The costs were charged to the SSWM fund but were not tracked separately from other catch basin maintenance
- 2) Installation of TMDL area pet waste education signage and collection stations was completed 7/31/15 at the following road end locations:
 - a) Springridge Road
 - b) Beck Road
 - c) Wharf Street
 - i) The installation costs were charged to the General fund and are shown on Work Order 18396 attached
 - ii) The sites are inspected and maintained by City personnel monthly
 - iii) The ongoing costs are charged to the General Fund and are not tracked separately from other Road End activities
- 3) Lytle road in the TMDL area already had a pet waste education and collection station installed.
 - a) This is a sponsored site that is maintained by volunteers and inspected by City personnel monthly
 - b) The ongoing costs are charged to the General Fund and are not tracked separately from other Road End activities

Summary of Stormwater Monitoring Activities (S8)

Contact Person:

Cami Apfelbeck, Water Quality and Flow Monitoring Program Manager
City of Bainbridge Island
Public Works
280 Madison Ave N
Bainbridge Island, WA 98110
206-780-3779

The City's Water Quality and Flow Monitoring Program conducted one stormwater monitoring activity in this reporting period – long-term status and trends monitoring of stormwater effluent.

As part of this effort, the City collected monthly grab samples from a stormwater outfall which drains a significant portion of the City's urbanized core. Grab samples were analyzed for fecal coliform bacteria on a monthly basis, and nitrogen, phosphorus, and heavy metals were analyzed on a semi-annual basis. Physiochemical measurements were also collected during the monthly grab sample events.